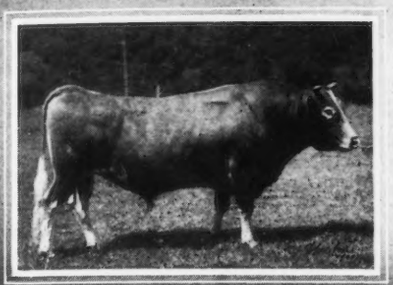
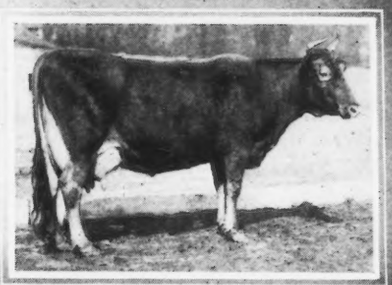
GUERNSEY BREEDERS' JOURNAL





Issued Semi-Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

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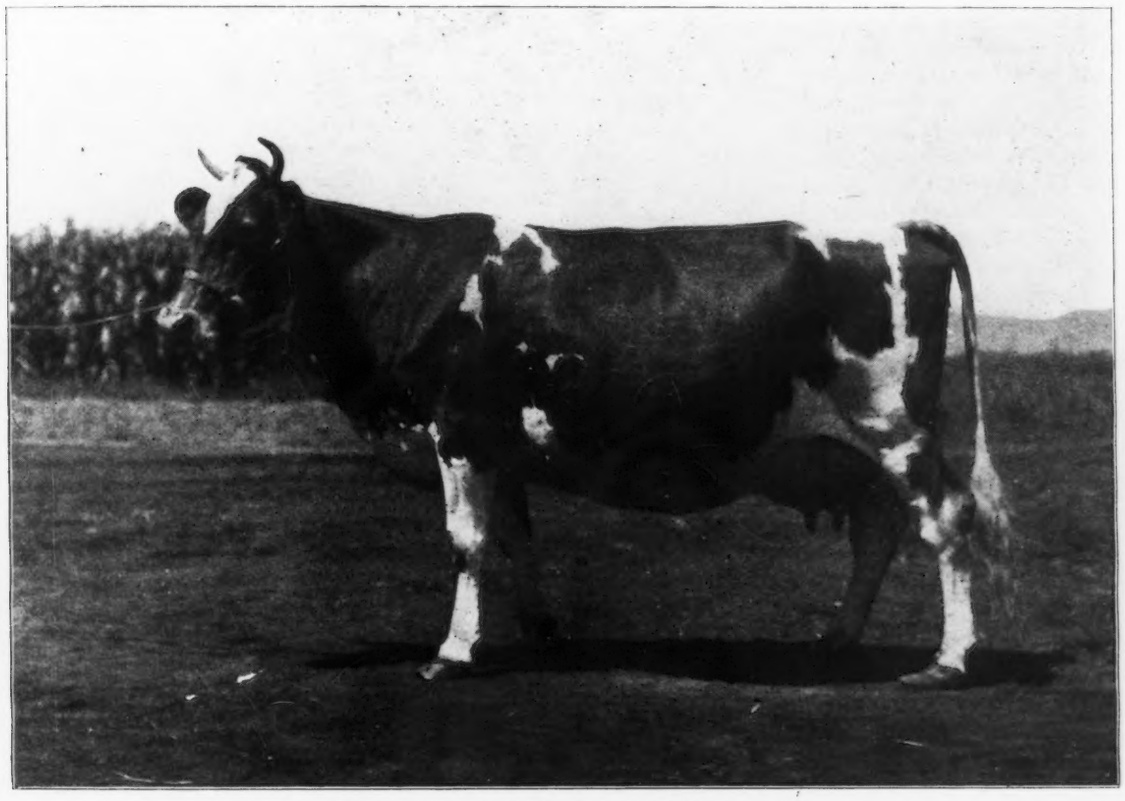


MABEL OF LINDEN HOME 23009 A. R. 3385

Records: Class A. 12234.00 lbs. of milk; 582.49 lbs. of fat
Class A. 16872.10 lbs. of milk; 754.83 lbs. of fat

Sire—Glenwood's Reputation 7687 A. R. Dam—Sterling's Fantine 15399

Owned by Walter H. Dupee, Santee, California

(See article elsewhere)

Picture on Cover—Guernsey Cows at Langwater Farms, North Easton, Massachusetts

Guernsey Breeders' Journal

The Official Publication of the Breed

Published on the 1st and 15th of Every Month by

The American Guernsey Cattle Club

Subscription, $2.00 a year

Designed to Promote and Advance the Interests of the Guernsey

Editorial Comment

Announcements

The Waterloo Dairy Cattle Congress to be held October 2-8, inclusive, offers $1500 in cash and special trophies for Guernseys to which THE AMERICAN GUERNSEY CATTLE CLUB adds $300. E. S. Estel, Waterloo, Iowa, Secretary.

Langwater Farms Sale of Guernseys to be held at North Easton, Massachusetts, October 10th. Leander F. Herrick, Worcester, Massachusetts, Manager.

Breeders' Sale of Registered Guernseys to be held October 10, at Hazel Hill Farms, Brink Haven, Ohio, property of W. A. Barnes. For catalog now ready, write Fred W. Andrews & Son, Auctioneers.

Auction Sale of imported and home bred Guernseys to be held October 18, at Orville, Ohio, property of F. C. Wier and J. E. Miller, Cortland, Ohio. W. J. Royer, Orrville, Ohio, Manager.

Auction sale of fifty registered Guernseys will be held Wednesday, October 18, at Orrville, Ohio. For catalog, ready September 18, write Emmet Steiner, Orrville, Ohio.

The Lisbon County Guernsey Breeders' Association will hold their second annual sale on the Lisbon Fair Grounds, Lisbon, Ohio, Thursday, October 19. H. C. McCamon, Lisbon, Ohio, Secretary.

Waukesha County Guernsey Breeders' Association Annual Sale of pure bred Guernseys to be held November 1st and a grade cow and pure bred bull sale held November 2nd at Waukesha, Wisconsin. Frank E. Fox, Waukesha, Wisconsin, Secretary.

Guernsey Day at the Middlesex South Agricultural Society Show

The annual special Guernsey show, held in connection with the Middlesex South Agricultural Society Fair at Framingham, Massachusetts, on September 20, 21 and 22, will occur this year on Thursday, September 21.

The showing of Guernseys will be one of the best that has ever appeared in the Society's ring and it is hoped that breeders will make an especial effort to be present on September 21. Box lunches will be provided at fifty cents each for all who notify N. I. Bowditch, Framingham, Massachusetts, by September 19. One hundred dollars is offered by the CLUB and also a special trophy, known as the Grassland Farm Cup, will be given for the best Advanced Register cow in the show.

Guernsey Field Day at Mixter Farm

In the last issue of the JOURNAL there was announced on the editorial page the invitation extended by Dr. S. J. Mixter of Boston to all Guernsey breeders to visit his farm on Saturday, October 14. Elsewhere in this issue there appears the Mixter advertisement which contains a statement about the herd that will prove interesting to all who expect to take advantage of Dr. Mixter's courteous invitation.

We wish to state in addition that a special train will leave Springfield, Massachusetts, at half past eight on Saturday morning, October 14, arriving at Gilbertville, Massachusetts, in ample time to drive over to Hardwick and make a general inspection of the herd of 300 or more head before luncheon.

At one o'clock a luncheon will be provided for all who come, and the return train will probably leave for Springfield about 3.30 p. m. Breeders who expect to attend should notify Mixter Farm, Hardwick, Massachusetts, of their intention, in order that special arrangements may be made to carry visitors from Gilbertville to Hardwick, a distance of four miles. Whoever misses this visit to Mixter Farm will miss a real treat.

Again the National Dairy Show

Have you made your cattle entries for the National Dairy Show at Springfield, Massachusetts, October 12 to 21? The closing date is September 20, and for those who have delayed the time is very short. Every breeder that has had show ring experience should plan to enter his herd at the National Dairy Show if possible. The Guernsey breed has for many years had the largest number of entries of any of the breeds and we want to be sure and uphold our reputation in this respect this year. The management of the Show announces that thousands of entry blanks and premium lists have been sent out, but if anyone was overlooked he may secure them by writing to the offices of the Show at Springfield, Massachusetts. The premiums are very liberal, a total of nearly $3000 being offered in the Guernsey classes alone. There will also be given a number of silver trophies, and special prizes will be donated by the Massachusetts Society for Promoting Agriculture, which will be paid in gold in the ring as the awards are made.

The three judge system of awarding prizes will again be used this year, which will insure fairness to all who compete. The judges for the Guernsey classes appointed by the Show are Joseph L. Hope, Madison, New Jersey; Charles L. Hill, Rosendale, Wisconsin; and Frank G. Benham, Canandaigua, New York.

As announced previously there will be a "get together" meeting of the breeders held at the Hotel Kimball on the evening of October 16, the day the Guernseys are to be judged. Guernsey breeders who are going to attend should write at once to William H. Cladwell, Secretary, Peterboro, New Hampshire, and thereby greatly aid in making the necessary arrangements.

Publishing Completed Records Prematurely

The rules under which the Advanced Register work of THE AMERICAN GUERNSEY CATTLE CLUB is conducted require that it shall be very carefully supervised, and that before a certificate is issued each record shall be thoroughly verified and approved by the Advanced Register committee. In recent months there have been a number of exceptional records made, and it is of course a great temptation to place these records before the public as soon as possible after the last drop of milk has been drawn from the cow and duly weighed.

We have noted that in some instances completed records have been published in the agricultural papers before they have been checked up and approved by the Advanced Register department, which doubtless accounts for a difference between the official figures given in the JOURNAL and those announced prematurely in other papers. The delay in publishing records, which is caused by the time consumed in carefully checking the work, is necessary in order that a correct report be published. Look to the JOURNAL for the correct figures. They will appear there in the first issue printed after the record has been made official.

STONECLIFF FARMS GUERNSEYS

I SOMETIMES wonder just what value it would add to the dairies of Vermont, in ten years time, if every farmer keeping over five cows were required by law to use a pure bred sire, of a certain standard, upon his cows. At first thought this would seem to be very radical legislation, but it would only be along the line of the requirements which have made the Channel Islands famous for the quality of their cattle and the individual production. I do believe, however, if such legislation were possible, it would in the ten years, double the actual value of our stock.

Vermont is a great dairy state, but the milk and butter fat production of our average cow is much too small—something like 160 pounds per cow, and this is above the average in the United States. Just think what those below the average must produce. If by the introduction of better sires, in this little state of Vermont, the average production per cow could be increased only ten pounds per cow, it would mean an extra cash income of nearly a million dollars to the farmers of the state.

Today, more than ever before, a farmer should look to the improving of the individuals in his herd as the only way to lower the cost of producing a pound of butter fat to less than its market price. At best, the margin of profit on dairy products is very small, and it is only by raising high grade cows that are large producers that a balance can be shown upon the right side of the ledger, after charging up all proper items against their care and keep.

It is also seldom possible or advisable for the average farmer to change his entire herd to pure bred animals. No man should undertake the breeding of registered stock until he has made a success of handling grade stock of the same kind as he thinks of investing in. Men who have not made good as raisers of grade stock have little chance to succeed as raisers of registered animals.

Desiring to own and use for a summer residence the home of his boyhood days, the present owner of Stonecliff Farms, Frank V. Johnson, a New York lawyer, purchased in 1905, an estate located on the Connecticut River in Bradford, Vermont. The herd then on the farm consisted of about a dozen grade Holsteins. After carefully considering the merits of the several breeds, Guernseys were selected as the one best suited to the needs of a New England farmer. Mr. Johnson, thereupon, purchased from Florham Farms, Madison, New Jersey, a young bull, Broadcloth 9708, the last son of Imp. Island Champion 6263 A. R., out of Tritoma's Blanche 12926 A. R. 428, a daughter of Kathleen's Traveller 4119 A. R. Three registered Guernsey heifers were also purchased at about the same time.

In 1910, there was purchased from Linda Vista Farm, Holliston, Massachusetts, a young bull, Beau Brummel of Linda Vista 15791, sired by Pretor 9316 A. R., a son of Rutila's Sheet Anchor 5701. Beau Brummel's dam is Fashion Plate 18444 A. R. 642, a daughter of Imp. May Rose King 8336 A. R., with a record of 12400.55 pounds of milk and 667.40 pounds of butter fat. The dam, the two granddams, and one great granddam of this bull held records averaging 10762 pounds of milk and 569 pounds of butter fat and his sire and both grandsires are Advanced Register bulls.

As a result of using these two bulls upon grade animals, there has been built up a herd consisting of sixteen pure bred and some forty grade Guernsey females, nearly all daughters of Broadcloth 9708 or Beau Brummel of Linda Vista 15791. I have no records to show what the average production of the original grade herd was, but should estimate it to have been about 5000 pounds of milk and 200 pounds of butter fat.

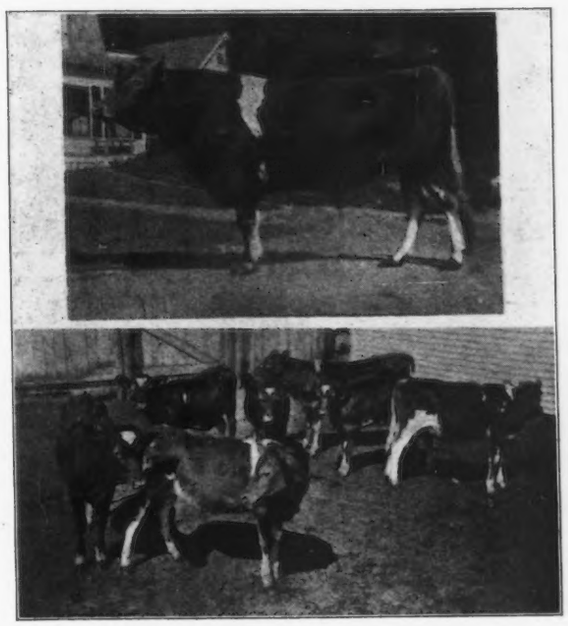
The records for the year 1915 show that four mature grade cows, daughters of Broadcloth 9708, all one half or three quarter bloods, averaged 8149 pounds of milk and 325.96 pounds of butter fat and that four grade daughters of Beau Brummel of Linda Vista 15791, seven eighths blood, averaged 6920 pounds of milk and 283.72 pounds of butter fat as two year olds or first calf heifers. These records were all made on just the usual farm feeds and care, from six to eight pounds of grain being the limit at any time, with little or none when on pasture. While they are not large records, I think they prove conclusively the value of a pure bred sire used on a grade herd.

The Guernsey sire seems to be especially suited to "nick" well with most any breed, not being a radical cross upon any of the other dairy breeds.

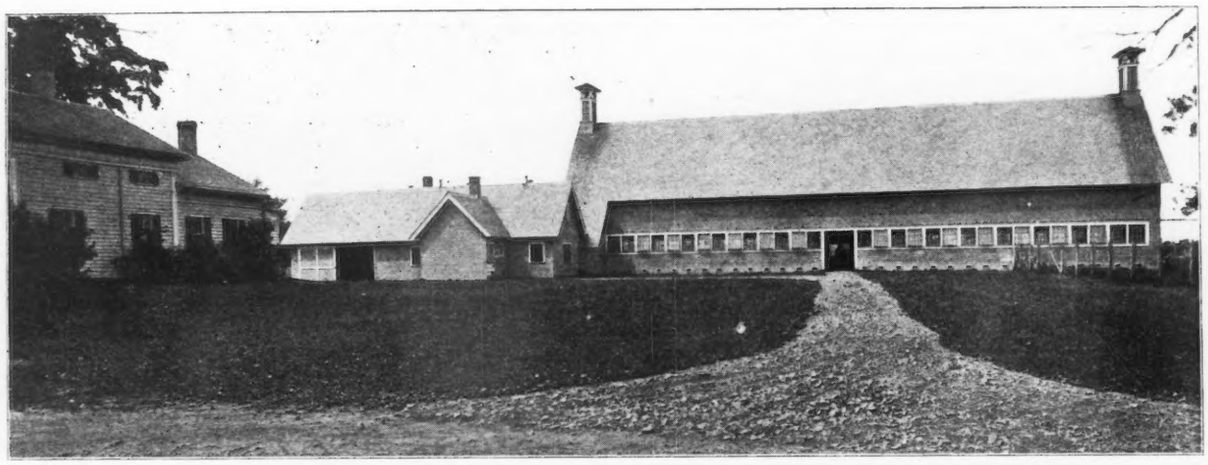
I think perhaps the most noticeable characteristic of the Guernsey which is transmitted to the offspring from a mixed herd is the color of the milk and butter, and the docility of the Guernsey. I have yet to see a grade Guernsey that does not show some of the yellow color in the milk. For this reason, the Guernsey sire is especially valuable to every farmer who wishes to produce a product that will be attractive to the milk and cream trade, as there is no other breed whose milk can equal it in appearance.

Just recently we have purchased another young bull from Louis E. P. Smith, Prince Charming of Linda Vista 35957, sired by Mr. Smith's great herd bull, Jethro's May King of Linda Vista 14591, and out of Imp. Anna Primula 48526, whose record in class B is 11698 pounds of milk and 549.85 pounds of butter fat, and another great granddam, Ma Charmante 2d (4981 E. G. H. B.), is dam of Imp. Ma Charmante 6th 31925 A. R. 1995, holder of fifth place in class C.

Beau Brummel of Linda Vista 15791 and Prince Charming of Linda Vista 35957 each carry twelve and one half per cent. of the blood of May Rose II (R. G. A. S. 3251 P. S.), the founder of the famous May Rose family—H. T. JOHNSON



BEAU BRUMMEL OF LINDA VISTA 15791
AND SOME OF HIS OFFSPRING



DAIRY BARN AT FOLLYLAND FARM, GREENWICH, NEW YORK

New York State Guernsey Association Meets

Pithy Suggestions and Sound Advice In Follyland Farm Speeches

A meeting of the New York State Guernsey Breeders' Association was held at Follyland Farm, of Mr. Isaac C. Blandy, in the town of Greenwich, Washington county, New York, on the eleventh day of August, 1916.

The meeting was called to order by the president, Mr. F. G. Benham, who said: "I understood that Governor Whitman was intending to be present here to-day, but that he has found it impossible to attend. We have a number of speakers and I will not occupy any of your time, but will simply call on them in order. We have here Mr. Phillips of THE AMERICAN GUERNSEY CATTLE CLUB executive committee, whose home is in Pennsylvania, and, as he has to go away early in the afternoon, we will hear him first."

Mr. Phillips: "It surprised me to be called on to say anything to this gathering. I realize that there are breeders here of far more ability and who possibly know more of the breeding of Guernseys than I know. I am only a farmer, with buildings very much out of date, and I was impressed with the fine surroundings which my friend, Mr. Blandy, has here, with the buildings and equipment and what can be done when a little common sense prevails; just a little light in the way of providing places for cattle, and in the manner of handling cattle. I have in mind a young man of my place. He obtained one of two daughters of Sir Ford Third, and proceeded to demonstrate that he had a good cow. This man's conveniences were limited; his equipment was poor; no cement, no rolling stock, broken windows and very little to do with. The cow afterwards made a record of 744 and now has a daughter holding third place in the third year. From these same premises came the cow that made 679 pounds of butter fat every year. The owner used common sense which is the main thing in breeding. He has a neighbor who has started raising Guernsey stock and he told me about a year ago that he had spent $1,700 in the start of Guernseys, and in that time he had sold $7,000 worth. That is the man who went into the Guernsey business and that is how he managed his first herd. He got married, and his wife had $300 and they paid $1,300 for nineteen acres outside of the city. He has done so well and he served so well in making a profit, that he rides in an automobile and has a good time; has his place paid for and money besides; and he says the Guernseys did it. He only used common sense. He was a man that wasn't afraid of work and that is what he did. There is a number of other cases like that which I could tell you about. I saw in the papers not long ago, that down in Maryland six animals were sold for $12,000, and I think the oldest was three years old. He started in the Guernsey business and got a cow; that cow was lonesome and he bought another, and then another, and that is the way he began. He got into testing and made records. It is these records that advertise you more than any other way. Take Mr. Blandy; he made a record with Langwater Nancy 27943, and think what he is doing; he has her daughter standing right out there making records. Those are some of the things that all can do; use common sense; that is the main thing that helps us to success anyway. Money does not do these thinsg; money helps. Money is the great incentive to us all to work. But the thing we want most is to get down to work. Somebody has to work to give these results. Results are what the CLUB is after. It is very much interested in helping any one to use such methods that he may accomplish these results. One man gets results and another gets failures; and what is the reason for it? I certainly hope this association will go on and grow hereafter; you have a wonderfully helpful way to those who need it; and the thing that helps us over the hard knocks we all have is enthusiasm; and I know that it is these gatherings that make enthusiasm and help you over some of the things that discourage you and that make the attainment of success seem hard. It is not a pleasant thing to get up at half past four o'clock in the morning and work over these cows and may be have a sick one which may keep you up all night. My experiences with the Guernseys have been the most pleasant thing in a business way that ever came into my life. And it is through my interest in the Guernseys that brought me here to-day. I am grateful to you for listening

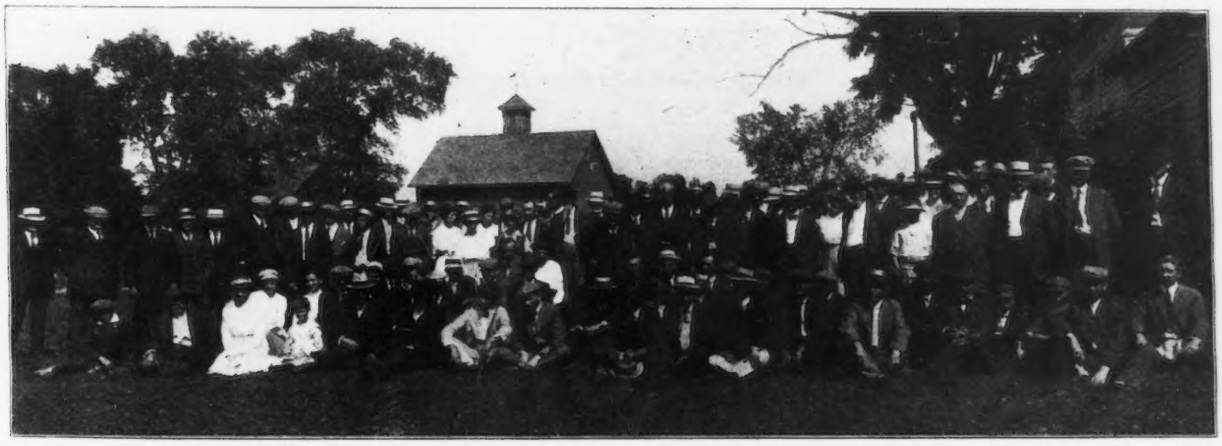
to me. I hear you have some other speakers and I will give way to them." (Applause)

Mr. Benham: "Mr. Van Alstyne is one of our prominent breeders here in the state and a man that is eminently qualified to tell you all about the breeding of Guernseys and what he has done with them."

Mr. Van Alstyne: "Mr. President and friends. I have conscientious scruples about attempting to talk unless I have something to say; and I certainly did not come prepared to say anything. I am delighted to see the people who are here. I did not expect any less, but nevertheless it argues well for our own New York State Association.

I was glad to hear Mr. Phillips speak about enthusiasm; it is a mighty good thing to have, if we don't let it run away with us. In New York City a few years ago there was a man arrested for beating a woman; he was a fine, well-dressed looking gentleman. He was brought before a police magistrate, and the magistrate said, 'I am surprised, I am astonished that a man of your appearance and general good looks should be charged with such a crime as that,—of striking a woman; I would like to have you explain it; you don't seem to be intoxicated.' He said: 'Judge, I will tell you how it was. I called to see a clairvoyant, and, when I went in, she was there shouting and throwing up her arms, and she said, 'I am so happy, I am so happy;' and I took and hit her. It is the first time I ever had an opportunity to strike a happy medium.' We ought not to let our enthusiasm run away with us. You can't be surprised that Guernsey breeders do have enthusiasm when you think how the breed was literally boomed. I had the pleasure this morning of being the guest of a Guernsey breeder. That is the reason I am up here from my own locality; and, to sort of keep in touch, we brought along two Holstein men. Well, that is a kind of a happy medium, you know. We have got the quality and they have got the quantity, and both are desirable. I made the remark to one of my Holstein friends that the fact was that, up here in this country, where the Guernseys were pretty well established, the price a man could get for an animal was just about measured by the price he was willing to ask. And that is pretty nearly so. But this is certainly a fact to be noted concerning this locality about Greenwich, Valley Falls, and over in the edge of Renselaer county. I mean this, that here is a living practical illustration of the advantage of everybody breeding one kind of stock. I suppose most of you know the history of the beginnings of the Guernsey industry here a few years ago—quite a good many years ago as a matter of fact, when a few men with conviction went down near Philadelphia and came back with a few yellow and white cattle; they were laughed at by their neighbors as people are pretty apt to laugh, unfortunately, at anybody that starts out in a new line. Such is an unfortunate trait of humanity, that anything out of the old rut is apt to excite derision until it succeeds, and then people are pretty anxious to get on the band wagon. That is about the way this thing worked,—from a very small, insignificant beginning, just a few cattle brought by a few men of very small means. I like what Mr. Phillips said when he emphasized the fact that it was not a question of wealth; it was more of judgment and enterprise and none of these men you know pretends to be wealthy; but they brought the cattle and started to breed and the thing looked good and it spread without any effort without any propaganda, simply on its merits.

I have driven over some of this country, both in purchasing cattle and for other reasons, and it is mighty interesting to note that here you drive up to a farmer and perhaps he has got a nice string of Guernseys, and then you come to the next man and he makes no pretense of being a breeder and he has perhaps a pure bred sire and some progeny and those are multiplying. He has a number of bred grades, and so you can drive from farm to farm, from the beginning to the end of the day, and you will strike men with Guernsey cattle, pure bred or grade, and it has come to be that this section is a Mecca. I just wish I had kept an account of how many people in the course of a year there are who write me relative to Guernseys. While the best section I know of in New York State is about Greenwich and Valley Falls and that section below, there are others that are coming to the fore. If a thing of that kind can be, as it has been, established without effort, why, men, what can we do if we go at the matter systematically, in the light of present day knowledge and organization? That is one of the things that delights me to see this state organization getting on its feet and represented as it is here to-day. It has tried my soul in the years past, when I have seen the apparent apathy of the Guernsey men of the state in regard to this state organization. Two years ago,—was it?—at the state fair, when we had to go out in the highways and hedges almost, to compel them to come to it; we managed to get thirty-five men around the table for a dinner that had been advertized state wide. It takes the heart out of a man. But, when we see this representation to-day, and men from so many sections as we see here gathered together with a common interest, why it encourages all of us. I tell you men, it is discouraging, disheartening work for a few people to try to push and push, without the rank and file to stand by. I some years ago was in the city of Washington, and, with a friend that was with



SUMMER MEETING OF THE NEW YORK STATE GUERNSEY BREEDERS' ASSOCIATION HELD AT FOLLYLAND FARM.

me, I thought I would go up to the National cemetery; I never had been there before, but we had a driver who knew the ground; some of you may have been there and will readily recognize what I am telling you. At the entrance there are two great columns, Corinthian columns, and on those are the names of men which are of world wide, significance, men like Grant; and I said, What does that mean? Why, the guide said, On those columns are the names of men who have been prominent in the army and navy of the nation, and who are not buried here.' That was interesting. Then we went on up the winding road, up the hill past the great mansion where General Lee had his home, where you can look off over the Potomac and see the city of Washington and the White House in the distance, and all beyond where the graves of notable men, notable generals lie beneath the splendid sun and the monuments that were erected over their last resting places; and that was exceedingly interesting. But, do you know, the thing that impressed me most was, after we left that foreground of the cemetery and went up over beyond, there I saw ranks and ranks and ranks of merely graves, with a little stone to mark the head, and I said to my guide: 'What are those?' And he said: 'Those are the nameless dead that have died in the defense of their country and are buried here.' Then I thought of this, What would have been the fame, where would have been the fame or advancement of men like Grant and his contemporaries and that other noble host that were buried there? How would it have been possible for them to have attained what they did, without that great host and thousands more like them that had rested in nameless graves? (Applause) And this is always so: world-wide leaders are necessary, but I tell you our leaders will never accomplish anything except with the aid of the rank and file. If I have any message, that is what I want to give to you Guernsey men to-day. Not the men who are making records so much; not the men with the great splendid herds, not our officers, who are such because of their advancement, and whom we respect, but the rank and file of the farmers here and there, up and down our state, on the hills and in the valleys; my message is to you to stand behind as a solid phalanx, behind the men who are at the fore." (Great applause).

Mr. Benham: I notice here a young man, very active and aggressive in the farm bureau work in our state, and I presume you would all like to hear a few words from him, Mr. Barlow.

Mr. Barlow: "Mr. President, Ladies and Gentlemen. I did not come here to-day to do any talking; I came to learn; I wanted some things to take back to Otsego county, that I may boost the live stock of that county. I am a thorough believer in organization, but I am a thorough believer in the responsibility of the individual of the organization. I find that, in most organizations, breeders as well as others, we leave the responsibility to the officers and a few enthusiastic people; and when you do that you are never going to accomplish anything worth while. Anything worth while that has been accomplished in the history of the world has been brought about through the activity of a lot of men working together. I believe that, if this State Guernsey breeders' organization is to accomplish what it should there should be local associations; there should be county organization. In Otsego county we have a Guernsey Cattle Club of about sixty members. We have a Winter meeting, at which we have a number of addresses and plan our summer work. Now just meetings alone won't go very far; we must have definite things to do, and our breeders this year have eighteen definite projects. I believe we did carry the thing still farther for the county organization and then have a united organization, and we also started them, in Otsego county, to breeding Holsteins. We have in one place a number of men who have clubbed together to do testing; we have a test barn and the animals of the various herds are tested there. These men are working for good results; they own four bulls together; they do their advertising co-operatively. We have a good many peculiar ideas and we have a good many enthusiastic Guernsey men, who are just beginning, and we have tried to gather in a good many recruits at our picnic this summer. You have an attendance here that would do justice to a county, and not to a state; there should be a thousand people here to-day interested in Guernsey cattle in New York state. At our Summer picnic we had one hundred twenty-five people; we had six heifers that were brought in; the Club became responsible for them and they were exhibited to club members and others in Otsego county and the interest was great; we hope to repeat it again next year. I would like to say in closing, just to repeat the thought that I brought out at the beginning, that we think that if your breed of cattle in New York state, in your county and your community, is going to show up as it should, you must do something yourselves, you must not only talk, but do, you must bring in the good animals and breed them and develop them yourselves. I thank you." (Applause)

Mr. Benham: I notice here another young man from Long Island, and we would be glad to hear from him, what they are doing down in that section of the state: Mr. Hechler.

Mr. Hechler: "Ladies and Gentlemen. I did not know that the quorum up here at this meeting was going to be as heavy as this, or I don't know that I should have run up here. I am certainly glad to see such a large turn-out. I came with Mr. Barlow to see what might be seen and I may add that for several years I have associated with the Guernsey Breeders' Association. I know there are a lot of men that ought to be at our meetings. And I want to say to you all that if your name is not on the membership roll of the New York State Guernsey Breeders' Association, don't let this day go by until you become a member. As to Long Island, that, as most of you know, is largely suburban, all they care for there for the most part, as to Guernseys, is to have them for family cows. I only wish that this center of Guernseydom were closer by, because there are a lot of nice men there and they are able to get the family cow.

As far as pure bred Guernseys are concerned, here is a little matter of ancient history; I believe that Mr. Van Alstyne knows this, that the first exhibit of Guernseys at the New York State fair was of Guernseys from Northport, Long Island, with only two large shore prizes. As you know, Long Island is a trucking section; there is little dairying; the Guernseys are generally kept on the estates. And I am sorry to say that the poor cow is often to be pitied when she gets through, because there is no place where more good blood goes and less results are achieved than places where the owner is one who has not the personal interest of the cow and does not work with her; because it certainly does take good, hard work to get results. This matter of a test barn is rather interesting to me. There are a great many of those men having a few Guernseys on their hands that like to work with them, but the matter of getting results is another thing.

We are doing a little testing there on the Island. As I say there is a good demand for the Guernsey, both grade and pure bred providing she is tuburculin tested and provided she comes from a good, clean herd and has a record back of her. Just this last week I had an inquiry from a man who wanted a Guernsey. I gave him the information about several I knew of. Finally he wrote back and said, "I want one that somebody knows has given 10,000 to15,000 pounds of milk and tested at least five percent." What he was willing to pay for that kind of a cow, after that work had been put on her, I haven't heard from him yet. That is a

sample. During the Louisiana Exposition I was in charge of a test barn there. I had never seen a Guernsey, and the man who had charge of the barns asked about the cows there. Coming out to the barn in the morning, Mr. Graves said, "Hechler, let us go out to the barn and see the cows." I I looked at them and said to Mr. Graves that they had broken color and two of them have black noses. I made two or three breaks like that. Of course I might add that we lived about the barns, and there were about forty of us cubs that worked around the Exposition. I was determined after that that I would know about those things, and when I left I certainly had as good an idea as any of them what the essential difference was between the Guernsey and the Jersey, as far as the markings are concerned. As far as the work I have been associated with is concerned, I should say briefly, Keep your old bulls until you know what their daughters are going to do. Some nine years ago, I became associated with a Guernsey herd; and we had a tuberculin test of them. We lost a large proportion of our cattle as a result of the test. We put the herd sire out doors to live in an open shed,used him with care and disinfectants; he has been tested once every year and only once; and, since that time, has shown no signs of a reaction. Two of the best veterinaries in the country had said, "Get rid of him; blot it out." Now that bull has at present had three daughters that promise to become leaders in their respective classes, in the ten high cows of their respective classes; he has three daughters that are making from 600 to 700 pounds. He is fifteen years old, still active as ever and I don't know of anything about me that would be a better exhibit, than a bull with a half a dozen of his good daughters, and to be able to say: 'This is the herd he has built after he was ten years old.' I went out to the place of my Jersey friend Graves one day; he was a man who had bred horses, and I think he had six or seven bulls at the time. I said, 'What do you keep all these bulls for?' He really had almost as many bulls as cows. He said: 'Once on a time I owned the best bull in this part of the country. He went to the butcher before I found it out, and I am determined that there is not anything that will get away from me until I have found out what his daughters are going to do at the pail.' It does not cost an awful lot to keep a bull the way he ought to be kept. Some member of some association should be called upon to use him until the daughters are proved. And hang on to him until you know what his daughters are going to do. I thank you." (Applause)

Mr. Benham: "I am informed that we have with us here to-day an ex-president of the Vermont Guernsey Breeders' Association, whom you will no doubt be glad to hear from, Col. Johnson."

Col. Johnson: "This is rather a surprise to me to be called on to say anything. I have come quite a distance to be present at this meeting; but I fear, if I had known that our good friends were to have called upon me to say something, I would have stayed away, because it is entirely out of my line. He has asked me to say something about what we have been doing over in Vermont, and if I confine myself to that subject, perhaps I can interest you.

It was only two years ago that a few of us began to realize that we had some Guernseys over in Vermont and the idea was that we wanted to advertise them a little bit, and with that in mind we started our association two years ago last February. We could find only the names of about fifty breeders in our state, but we had some excellent foundation stock and realized that there was a future for the Guernsey in the state of Vermont. As you know Vermont is very small; we can have a state organization there as easily as you can have a county organization here, or in some western states; and so we stuck to the state organization and the result has been that now we have over two hundred breeders in the Green Mountain State. The increase in the breeders in our state in that short time has really been remarkable. It is not all due to the association, because the increase in the Guernseys, as you know, has been all over New England and throughout the country.

It is a grand breed. We formed this organization with just a few members, some twenty-five or thirty; this Summer our organization has over a hundred members. We have up in Vermont a Greater Vermont Association, which has in charge the booming of every industry of Vermont; one of the finest things by the way, that ever was started in any state. It has a paid secretary and it is doing wonders in many lines, and what we want him to do now is to advocate a pure bred sire at the head of every herd. Just think, gentlemen, what that would mean. We cannot all have a pure bred herd, to start with; but, if we can get our neighbors and people in our state to purchase a pure bred sire to start with, they will become interested, they will not be satisfied to have all grades, and they will buy a few pure bred females and gradually improve the herd. But first get your neighbors interested in having pure bred sires at the head of their herd, so they will know in what direction they are breeding. Personally, we haven't a large herd of pure breds. We have a herd of about sixty, with only eighteen or twenty that are pure bred; but we have demonstrated the increased value you can get in just two or three years time in a herd from a pure bred sire, in the increased value of the grades even. But I would give you this information that what we are trying to do is to get a pure bred sire at the head of every herd in the state of Vermont; and, if we can do that, you people over in New York will be coming into Vermont to buy stock from us, as they are now coming from Wisconsin and throughout the west. What worries me is that people are selling some of our best stock out of Vermont; car-loads are shipped every week to go into the Middle West, and the demand is much greater than the supply. Don't sell your best animals. Hang on to your best foundation stock and wait until you get a herd with a surplus; and, what is more, if you sell bulls of pure bred stock for foundation herds, don't don't sell anything that you wouldn't keep yourself. That is another point that we ought to advocate in our association; don't sell a man a pure bred bull simply because it is registered. You know often in pure breds we have individuals that are not what they ought to be, both females and males; and don't sell a man an individual that is not up to the standard. If you do it is going to hurt the breed more than we can ever regain." (Applause).

Mr. Benham: "I think perhaps we would all like to hear a few words from the vice-president, Mr. Jones."

Mr. Jones: "It is quite evident our president has got it in for somebody; I did'nt think he would have it in for me. I came here like all the rest of us to listen to what we might hear. It has been my pleasure. sometimes, to listen to one of these gentlemen before and one of the men here is Mr. Van Alstyne. He spoke on the value of the pure bred sire; he wanted to emphasize the difference in cows between the cows bred from the pure bred and those which are not. The weight of the authority is in favor of the pure bred; we have always thought alike about that. But, coming back to Mr. Barlow, he said he came here to learn. There is one thing that he can learn and that the farm bureau can learn at this meeting. I sent out several letters one time where we had a surplus of young bulls. One of the young farmers was considering the buying of a young bull calf and improving the herd and I found a sale for one of them at list prices. So you see that Guernsey breeders will sometimes have some they can sell and sell right.

Another thing is that of advanced register testing. It has been put down as a rich man's fad. I want to say it is not a

rich man's fad. One of the class leaders today was bred and run on test by Mr. Post up at Niskaya, and if you agreed to go up there you will see that his herd is run just on ordinary farm conditions and ordinary farm care, and he made a splendid record with her. The young farmer has as good a chance to make a good record with his cows as people that have more money. I have been in the business for a good many years; I never have tried to make any records. The ordinary record has been made standing in the stanchion and every cow has been handled alike. We have not made any phenomenal records; we have made as high as 630 pounds of fat, but every one of them has been made in ordinary farm care, and each cow has dropped a calf within a reasonable time, and not been pushed or pampered.

It is very agreeable to the state breeders to see so many people out. I think this has been the second field meeting to my knowledge, but this has been the first field meeting where we have had such a good attendance. Mr. Van Alstyne spoke of this locality being a wonderful locality for grades. We want to know where we can buy Guernsey grades. I always used to go to Saratoga and Washington county. As to my friend from Vermont; I was quite interested in what he had to say about that state. Some five years ago I was accosted by a man who was looking for and going to buy a carload of grades. If he told me to go out and buy a carload of Guernsey thoroughbreds, I wouldn't know where to start in. I go to Albany; where shall I buy? Presumably I will go up and see the Ayrshires; but, after some negotiating, instead of buying Ayrshires, I bought Guernsey grades right at the home of the Ayrshires. There is a bottom market for Guernsey grades. We have no call to raise good grades and buy our bulls. There are as good sires or dams as you can buy. I want to thank you all for coming to the meeting and trust we will have many more of them in the time to come." (Applause)

Mr. Benham: "That will conclude the speaking for this forenoon. We will get together again shortly after one o'clock and I want to assure you we have got some bang-up good talent for this afternoon."

The meeting then adjourned for lunch, after which Mr. Benham said:

Mr. Benham: "Ladies and Gentlemen: Now that we have enjoyed Mr. Blandy's bounteous repast and looked over his splendid stock and rambled about the farm, we will proceed with the meeting; we have got a set of speakers here that we know are anxious to tell us about Guernsey keeping, etc., and the time is getting short. Mr. Fuller is with us to-day. Mr. Fuller is probably one of the best known breeders in the country of pure bred dairy. He has had years of experience, he has demonstrated and he has thoroughly worked out in practice; and he is here to tell us something about it."

Mr. Fuller's address will appear in a later issue of the JOURNAL.

Mr. Benham: "The next speaker will be Mr. Royce, one of our state boys that has been in the Agricultural department of Cornell, and has had charge of some of our prominent herds throughout the country and is an all-round Guernsey man; he will entertain you for a few minutes, and I think will be glad to answer any questions pertaining to the Guernsey."

Mr. Royce: "I am glad your chairman introduced me as one of the state boys, because I have been interested in Guernseys for more years than I can remember, even more years I guess than the young looking boy that I saw here this morning, whom I know of my own knowledge has been breeding Guernseys for thirty years. I am sure I am glad to be here to-day to enjoy the hospitality of our host, and it is a fine place to come. I am very glad that we have in our Guernsey fold men who have the right sort of ideas and are willing to help work them out in co-operation with us; because, if there is anything that we need to-day as farmers in this country, it is to learn the meaning of the word, "co-operation." I don't want you to get scared and think I am a socialist or a rabid economist, and going to have something to say about the awful conditions in which we find ourselves; for, after all, they are not so bad as they might be and have been a good deal worse. I like to think of agriculture and the breeding of live stock as being in rather the transitional stage. Our agriculture has had to adapt itself to the growing needs of a rapidly growing, consuming public, and I hope for a long time we will be transitional for this reason that, when we are undergoing change, our minds are open; and, of all the people in the world who would close minds to the developments of science and to the advancements in the industrial world, the farmer ought to be the last, especially the stock breeder; and I believe that these meetings are in the interest of our family husbandry and, therefore, ought to be commended and patronized by all of us who are breeders. I congratulate the club on having this last year elected to the presidency a man who has a reputation as a Guernsey breeder, a man whose herd is second to none in this country; and then in putting at the secretary's desk a man who belongs in the program of work. I believe in what was said here about enthusiasm by Mr. Phillips, when you get to work. But, if you want to foredoom an organization to failure, you want to organize enthusiasm and give it nothing to do. This club has pulled off some stunts; that means that somebody must do some thinking in relation to its welfare and that means that, if they do, we shall have a live New York State Guernsey Breeders' Association, so long as their minds continue the initiative.

We have a great breed of cattle; I wish I could talk about them as some of those who have preceded me. I am not a born orator by any means. A friend of mine whom you know as well as I, was once one of the few boys in college who had to step out and earn some money to keep himself going. On one of those occasions he went into the lumber woods in Michigan, and he found there they were skidding and hauling the logs with oxen; and sometimes the men would put on the oxen a jag that they could not haul and the oxen would get stalled. Our friend stepped up to the driver of the oxen and said, "My dear sir: The trouble with you is that you don't swear loud enough; and the old man allowed, if he thought he could do better, he might try. And my friend, taking the goad in his hand, said, 'You old right-angled triangled son of a hypothenuse, get your old re-duplicated carcases up out of that rejuvenated inclination of that articulated mountainous inclination, or I will resuscitate your ventriculated organisms;' and the oxen, after a look around at him, pulled the load right up. The old driver, with his long whiskers dropping down on his chin, said, 'Gosh, if I could swear like that, I would give a winter's wages.' So I, ladies and gentlemen, would give that portion of my winter's wages, which are not already expended, if I could talk like the orators who have preceded me. I do not know who recommended me to your secretary, but he must have been a man of poor judgment; I don't know what to call him.

We had at Cornell a beloved old professor who had a long beard and patriarchal look and some of the boys thought they would have a little fun with him at one time. And one of them, when he met him on the street, said, 'Good morning, Father Abraham.' And the next one said, 'Good morning, Father Isaac.' And he said, 'Boys, I am neither Father Abraham nor Father Isaac, but Saul the son of Kish, looking for my two asses. and Lo, I have found them.' Commend me to the judgment of those men who have put me in this predicament. Somebody has wanted me to tell you, because

I suppose they thought I knew, as to whether a Guernsey was so much better than any other animal. In either case I suppose I ought to be able to tell you, and I am glad of this opportunity to tell you; it is that much better feeling that you always get when you have a glass of good, old Guernsey milk right under your belt.

Enough of nonsense. The Guernsey is a wonderful cow and she has had a wonderful experience in the hands of some wonderful men. Take that and smoke it to your satisfaction. The reason these men have been wonderful is because they have had good judgment, and in no part that I know of has there been so much of that good, plain, horse sense expended in the breeding as in the case of the Guernsey. When you consider what the Guernsey was like, when young fellows like my young friend Mr. Caldwell knew them; and when, further back, I knew them, when I see them to-day, I know that something has happened. And what is that? We had an indiscriminate lot of cattle. Joseph L. Hope at one time had a very noted bull, called Bull Basis; a lot of us were down there to call on the bull, and Mr. Hope incidentally, and we saw that the bull had what many of our cattle had, brindle marks on his neck. It was a surprise to us that he should have bought a bull with these marks. We said, How does it come that this animal has those little dirty stripes on its neck? Gentlemen, he said, I didn't know they were on there until he arrived here. There have been some other things that we have bred off the Guernsey cow. We have made her an animal of straight lines; because, when you have the kind of an animal that is all body, production goes by default. We have bred a good sized type of animal, and we are not paying particular attention to those peculiarities that some of our other breeders are groaning about. We have been occupied in amount of production, and it is so long ago that we started to make tests I can't remember, but Mr. Caldwell knows all about it, and he is going to tell you about it in a minute. But we have gone far enough now so that everybody comes to recognize this fact, namely; that we forced all the other fellows to testing their cows on the yearly basis; and I hope, as long as I live, that that period of time shall not be changed.

Now the Guernsey cow is a cow that adapts herself to conditions. We have made her so, to some extent. We have bred a cow that grazes well; we have bred a cow that takes a large amount of that kind of feed that there is the only possibility of making money with, the roughage. And I want to emphasize that a little. In these times you know, Gentlemen, there are a lot of men who go to the creamery with two cans of milk and come back with a bag of feed. That means that they have paid for the feed half asmuch as they get from the milk at least, not Guernsey, I mean the other kind, Holstein and Ayrshire; and they think they have to do that to get the milk. But that is not true; I have never found it true and I have milked cows ever since I was that high and was drinking a little before that time. And I have found this, Ladies and Gentlemen, that the roughage that we grow is the only thing on which we can make any money; and besides it has much more profound influence on milk secretion than has concentrates. We must absolutely grow the right kind of concentrate, and I don't see it growing in this county, I am sorry to say; because I took particular notice in coming from Troy up here and I did not see a field of alfalfa. That is the kind of feed we want, and you will never raise the right kind of Guernsey heifers until you have the right kind of roughage, and then alfalfa will be the prime constituent of it. Not only will you make more money, but you will have better animals after several generations.

I have in my experience raised cows to the producing age, which themselves never had any roughage, but silage and alfalfa hay; and, when you have done that, Gentlemen, you will realize, and few of you have, that nobody has ever over-exploited alfalfa as a roughage for cattle. Fed in abundance it certainly will develop the kind of animals we need in our business. For little bits of calves you would better watch out a little, for the reason that their appetite is so strong for alfalfa that they swallow it whole and the results are disastrous. Strip the leaves off and give them just the tops. The cow has been bred until she adapts herself to her needs. And there are many things about this cow that excite our enthusiasm, we know that she is the best cow on earth. But I am not going to pat you on the back any longer. I am going to say that there is something for us to do, and what is that? That is to make this cow a money maker for us and we haven't made all the money we ought to make and I don't know how we are going to do it, except some of us, who are breeding the wrong kind, should begin breeding the right kind. How shall we do that? Selection of the breeding stock is one of the prime essentials. Have your breeding stock right.

Only the other day I was out in Wyoming county and I saw where a man had bred some Holstein cattle, all from one cow; and, when I saw the lady, I knew—because that cow was right herself. You could see the resemblance of the old cow to every cow in the herd. Originally we did not so much value the bull as we do to-day. And so, when a man wanted some good animals, he went and bought the female progeny of some noted cow and that happened in our breed of cows. After they had seen the yellow colored milk and butter of the Guernsey cows, they wanted Guernsey cows and it was a long time before we had enough. Dr. Wood said, at a meeting of the Illinois State Association, every man who was making milk ought to have some Guernseys; that is the way to improve the breed. The bull's influence is greater than the heifer's. The bull becomes the father of a great many calves, not so many as he ought to. Over on the Island of Guernsey there died a couple of years ago an old bull who was kept on the island and therefore had to stand for service before he could be sold away. His old owner would not have him sold any way; as a consequence that old bull was used extensively. A roster for the Island books showed nearly or quite a hundred females from that bull. That means there were 200 calves born and there were undoubtedly a number of unsuccessful services. We don't use bulls in any such degree as that. If lightning were to strike fourteen out of fifteen bulls only, we would make more progress in the next five years. than we had made before.

That brings it up to the question of how many sires are prepotent. You can count almost on the fingers of one hand the animals that have been of the greatest use in the Guernsey breed. For this use we ought to have those best ones and use them extensively. One time there was a man who found in his herd several daughters of an old bull that were good. So he decided to find out. They all had records of 10,000 pounds. So he decided to go and see him and perhaps buy him. He went down and asked the owner about him, and he said, "If you go around behind the barn and dig down some feet, you will find the son of a gun." A man found a bull over in the Island of Guernsey that had not been bred to very many cows. The owner consented to sell him, but he did not offer what he wanted for him, and he sold the bull to the butcher. That bull's heifers in this country to-day average better than 525 pounds of butter fat each. That bull ought to have been used 100 years and been used on a thousand cows each year. When they are two years old, their heifers are born; when they are four, their heifers are two years old, and when they are five, they have been through a year's milk and it is only then that we have a line on the sire's production, and by that time he has been dead three years.

Gentlemen, we have got to revise our practices in the

breeding of cattle, before we take any very advanced ground. We need not congratulate ourselves that our knowledge of breeding has made such rapid strides. Our knowledge of feeding or what Mr. Fuller said would convince you on that subject. Our knowledge of feeding has preceded our knowledge of breeding, and it ought not to have done it. We have made some strides that way and almost we have found the action of the laws of heredity by doing that but farther than that we have not gone. I want to call your attention to the fact that we must confine our breeding to certain prepotent lines. We may have a bull that gets daughters that all give 500 pounds of butter fat, and yet every one of them be sick at heart or sloping round or have black noses or any other of those things that we don't like. If your bull is prepotent as a result of heredity, then that bull himself ought to be used just as long as he can, because the chances are that his sons are not carrying the same prepotency that he does; it is rarely that he does. I imagine that there are certain diseases that we have in our cattle which makes us chary of bringing our cows to our unproved sires. But a bull could be bought by a community of farmers, placed in the hands of a trained man, and that bull, even though he were ugly, could be put in a straight paddock and kept under a breeding shed, where the breeding could be performed, and where the bull is kept back in his own yard and with no danger to life or limb. I wnat to say that there are a good many more ugly herdsmen than ugly bulls. Mr. Benham had a bull and that bull had been in the hands of some people over in New England; and, when we got him, his hide was full of holes. Somebody told us it was grubs, but I know what it was, it was pitchfork. It was not an ugly bull; it was only an ugly man that made those holes in the hide; perhaps he thought he could sell it for colenders.

So let us use those old sires; their sons and daughters are ten pounds heavier at the birth than from our own bulls. There are plenty of those bulls sacrificed every day in other breeds and ours is no exception. I emphasize this, because I realize that there is nothing in this state that is going to raise that quality of milk on which we make any money, as the continued use of the proven sire. For several weeks another man and myself were engaged in taking cost accounts in Wyoming county; mainly in Wyoming county; and we found there a lot of very good farmers, and in this cost accounting we allowed 15c an hour, gross labor 10, common hay $10, and alfalfa $12. You know that no man can make any money at those prices. The man who dispenses milk is going to have a reckoning some day; it may be that he will demonstrate that he is dispensing milk as he can. I speak very plainly with reference to the Bordens, who make this statement, but I believe there is a lot of honorable men connected with the great Borden company. But, if they are not dispensing here as cheaply as they did, we want to know it; and they are able to make eight per cent on their whole investment. We go around the state and preach better cows, better methods of farming, and that is legitimate, but we don't want to preach better farming and better production to be sold at a loss and so we are leaving that up to you to solve, and how will you do it? My opinion is that changing the family husbandry of this state would be a good plan. Do you know that lambs sold for $11.75 in the Buffalo market? Do you know that lambs raised in the field will bring $12 to $14 a piece? I saw a beef sold not long ago for $110. For every man that goes out of the milk production there is a little more opportunity for the fellow that is in it. And I believe in raising the price on a lower production than to try and tell you that you must raise it cheaper when you are working just as hard as you can at this time.

Let me just say in closing that there is no cow that will help you solve this question better than this cow, which has shown the way to paying for the milk and the only fair way of paying for it, namely, on its constituent in butter fat. A friend of mine says, and he is a Scotchman, that one time he was at a prayer meeting over in Scotland, and there was an old man there who prayed as usual and always ended up by saying, 'Lord, what shall I say more?' Sandy, who was kneeling by him, punched him in the ribs and said, 'For God's sake, Jock, say Amen and quit.'

A member asks: "Don't you think that the greatest loss is in the cow itself? Don't you think that a great many cows are kept that are not worth keeping? Don't you think that is more than the food? Don't you think the people are educated enough to feed cows, if they have only the right cow? that it is more in the cow than in the feeding?

Mr. Royce: "I believe that the time is here for the specially bred cow to do a certain thing; and, if you agree that the 400 pound cow is not good enough, I will agree with you. There was a question asked here, (and I don't know whether it was some Holstein man here wanted to know) if you took a cow and fed her peanut meal, would she give peanut butter? If you fed a Holstein cow and examined the milk with a microscope, you would not find any butter in it." (Applause)

Mr. Benham: "Ladies and Gentlemen. Before announcing the next speaker, I wish to say to you that, after the meeting closes, our secretary, Mr. Seaman, will be here at this table, and he will gladly take the names of any one who wishes to join the New York State Breeders' Association. We will be glad to have as many of you come in who feel that you can. The only way to progress is by getting together in large numbers, and I also wish to say that, if there are any questions, any information that any of the breeders throughout the state wish to have, that we can give you, anything that comes within the range of our limited knowledge, there is the secretary who himself will be very glad to answer those questions; and, if he cannot answer them, we will send to Peterborough, and Mr. Caldwell will answer them. Mr. Caldwell will be our next speaker and he is a man that stands at the head of THE AMERICAN GUERNSEY CATTLE CLUB. He has had a great influence in placing the Guernsey cow to-day before the American public."

Mr. Caldwell: "Mr. President and Ladies and Gentlemen: It is certainly a great pleasure to me personally to come up here to meet with you to-day, and to come out here and see this place which I have wanted to see for so long. Your president, when he asked me,some months ago, to be sure and put on my calendar the date of this meeting, said, Really the object of it is to have you come out and show yourself. Now I have been a little bit disappointed here to-day. I have been around to a great many breeders' meetings all over the country, and I think this is one of the first meetings where somebody has not come up and said to me, Why, are you the secretary of the CATTLE CLUB? Why, I have corresponded with you for twenty or more years and I really thought that you were an older man. I have been even asked to turn around and show the back of my head, breeders saying from the class of correspondence and the questions that we had been asking of them they they thought the secretary at least must have eyes in the back of his head. But I assure you, Ladies and Gentlemen, that I am glad to bring you any word of encouragement that can come from THE AMERICAN GUERNSEY CATTLE CLUB. We are deeply interested in the work of this and every similar organization all over the country. It is a pleasure to go out through the country and see the manner in which the Guernsey breeders are organizing themselves. Only two or three weeks ago I was out through Minnesota and North Dakota and I found away out there on the frontier, at the head of the lakes and on the plains in North Dakota, really the liveliest bunch of Guernsey breeders I have seen for a long while. They were

determined to place the Guernsey where she is bound to go and especially the Guernsey bull in the battle with the scrub cow out in that country. In Minnesota I found three Guernsey bulls, one a son of Imp. Masher's Sequel 11462, another by Ne Plus Ultra 15265, and the third by May King of Linda Vista 17946, all three of them used at the head of grade herds. What an influence in improving the grade herds of that territory! The organizations there at Albert Lea are to be congratulated that they have been able to corral in that territory for the use of that section such valuable lines of breeding. That territory all about there is full of heavy milking, high grade Durham cows; just the class of cows that are going to take the influence of the Guernsey bull best.

We assure the ambitious breeder that the stepping stone to the pure bred Guernsey herd is to get hold of a Guernsey bull; improve his herd and the rest is easy We are so much impressed with that fact that, in the next three months, we are going to expend some considerable money in placarding the territory from the great lakes to the Pacific coast with the influence of the sire in improving the Guernsey cattle in this country. Mr. Royce spoke to-day of the value of the Guernsey milk, if it was under your belt. It put me in mind of the size-up of a couple of pails of milk that two frogs once made. There were two pails standing side by side, one a pail of Guernsey and another of lower grade milk. Frog No. 1 jumps into the pail of low grade milk and he makes an effort to get out, but finally he croaks and dies. Frog No. 2 jumps into the other pail and, finding himself in the same predicament as his brother, he immediately tries to get out but in so doing, after floundering around a while, he proudly floats on a pat of butter.

The millenium for the Guernseys is, I believe, fast coming. It seems at hand when we realize the desperate effort that has been made to impress upon the public the value of pure milk; when we realize the efforts of the philanthropic workers in insisting that it is absolutely necessary to have milk in which very few bugs can be counted; when we realize how fast is coming the selling of milk upon its value as food; the grading of milk. It is nothing new. Breeders in Philadelphia years ago used to grade their milk and their highest grade of milk was almost invariably from the Guernsey or grade Guernsey herds. I certainly believe that, as this progresses, the Guernsey is bound to come into the position that she deserves. Not very long ago a very prominent breeder of Guernseys said to me: 'What is the use? We are not obliged to sell only a certain grade of milk; I can have Holsteins and will have milk to satisfy the trade, and that is all that is necessary.' He divided his barn and put the herd of Holsteins in on one side and the Guernseys on the other and after a time, when he saw the hay-bays go down on the Holstein side, he said, Good-by, I am going to stick to Guernseys. I will take my chance of finding better customers for my milk.'

A preacher was introduced to make his first address and the presiding officer proposed this conundrum: Why is a preacher like a bicycle? He paused to give the preacher and the audience time to think the answer. Not having any response, he gave it. He said: "Because the longer the spoke the greater the tire." I will not keep you long. I said we were deeply concerned as a CATTLE CLUB with the work and prosperity of your organization. It is through you that we have to look for our personal touch with the breeders, and with the dairy interests of your different sections. We might hire any amount of field men; we might send out any amount of traveling salesmen, so to speak, but there is nothing that can be accomplished by them compared with the personal touch of you breeders shoulder to shoulder. What is of primal advantage in our work and what you individual breeders should be just as deeply concerned about as we are is the integrity of our Herd Register. My telephone rang not long ago at nine o'clock at night and a lady's voice said: 'Can you come over to Manchester? My man comes in and says that the beautiful Guernsey cow that we bought not long ago will probably freshen before morning,' and she said, 'Don't you have to be present at the birth of every Guernsey calf?' I assured the good lady that I would forward early the next morning one of our application blanks and if she would fill it out I did not think it would be neceesary for me to make the trip. If it was possible to do that we might be able to save a lot of annoyance. I want to say to you that we feel that THE AMERICAN GUERNSEY CATTLE CLUB has done everything it can to surround the Register with every precaution possible. If you take an interest in giving us the proper date, and there is the proper spirit among the breeders, you will have helped the primal cause. Secondly, we want you to cooperate with us in lending every encouragement possible in finding out from breeders the exact work that the Guernsey is doing. We are able now to give you an authoritative average of dairy production for the breed. More than that it has been a source of satisfaction to us to see that, as each month has come, there has been an increase in our milk and butter fat average. I want to call your attention to this chart. Here we have divided our 4500 Advanced Register records into three divisions, the first 1500, the second and the third. As you notice many of the first lot of 1500 were under the 6000 pounds of milk production; how it has been increasing in the later divisions; then notice how the 6000 to 8000 line has been decreasing; then notice the change in the lines of the number with records over 8000 and 10,000 pounds; notice how the improvement has been coming in the milk production of our Guernsey cows.

Then the improvement in butter fat production on the other chart. See the decreasing line of those which have been under the 400 pound notch. See the tremendous increase that there has been in the upper figure, the larger amount, showing that the experience of Advanced Register has been a great help to the breed as well as to the breeders.

Then I want to just call your attention quickly to this chart, showing the great growth that has been in our work by our Register. This green line you notice represents the number of entries in bulls in the last twenty years. Starting at the zero mark see how the line has been increased. There are now over 5000 bulls registered each year more than there were twenty years ago. These lines represent the increase in the entries of cows and of transfers. If you stop at this point, just five years ago, we find that the Herd Register increased just 139 per cent. That represents the growth of the Guernsey. In the first place, we have not numbers enough to supply the demand and in the second place is the discouragement that breeders get by buying inferior Guernseys, or breeders selling such at prices beyond their value. Now we have done everything we can to interest the public in the merits of the breed. We have this well started, now it is up to the breeders to take care of th e future.

Gentlemen, there is just a word more that I want to say to you. Realize that we have 6600 breeders in this country and that we have only about 500 of them members of our CLUB. Did you ever stop to think that when you have registered fifty animals you have saved the total cost. That is the financial side. The other side is, we want every person interested in the breed to be associated with the management of the CLUB.

Then again, we are making a special effort to provide for you and for the breed, an organ devoted to its interests which shall stand in the most favorable light of all the breed organs and be a helpful thing to every breeder. We have just changed it to a twice a month basis and we hope sincerely that the slogan that they adopted will sink deeply into the hearts of every one of you who are subscribers to the JOURNAL,—"Every Breeder a Subscriber."

MABEL OF LINDEN HOME 23009 BREAKS CALIFORNIA FAT RECORD

(See picture on title page)

ADVANCED Register work in the state of California is uncovering some excellent producers of butter fat in the Guernsey breed. In the February, 1916, number of the JOURNAL was reported the work of Fleurette of Riverside Farm 36286 which had just completed a record of 13665.5 pounds of milk and 689.56 pounds of butter fat, giving her a place in the class leaders of her age, and the highest Guernsey record produced in the state up to that time.

The May number of the JOURNAL contained an announcement that this record had been broken by Princess of Meadowbrook 21585 with a production of 14560.2 pounds of milk and 722.24 pounds of fat.

We now have to report the record recently completed at Edgemoor Farm, Santee, California, of 16872.10 pounds of milk and 654.83 pounds of fat, by Mabel of Linden Home 23009 A. R. 3385.

This cow, bred by Charles Solveson of Nashotah, Wisconsin, was dropped February 23, 1907, and was purchased by Walter H. Dupee, proprietor of Edgemoor Farm, in August 1913. Freshening in December of the same year, she was placed on test and produced at six years and ten months of age 12234.00 pounds of milk, 582.49 pounds of butter fat. She was again placed on test with her next calf and produced the record given above at eight years and four months of age.

An interesting feature of the record is the fact that she was milked but twice a day for the first two months of her lactation period, and was then put in the test barn and milked three times daily. With the additional care and feed given her there her daily production increased from about forty-six pounds to fifty-six and two tenths pounds. She is—like all large producers—a very persistent milker, having given on the last day of her test forty-six pounds of milk or approximately as much as she was averaging during her first two months.

Her best month's milk production was in August just after she had gone into the test barn. During this month she gave 1605.7 pounds of milk and 61.50 pounds of fat. During several months, however, she gave a larger fat production due to a higher test for the month. The greatest amount of fat was produced in January, her record for that month being 1397.5 pounds of milk and 67.50 pounds of fat.

Her owner states that if she had been placed in the test barn earlier in her test period, and if the trying conditions brought about by the flood had not been experienced, her production would doubtless have exceeded 800 pounds of fat.

Mabel of Linden Home 23009 was sired by Glenwood's Reputation 7687 A. R., the sire of sixteen Advanced Register daughters with records averaging over 500 pounds of fat, he being by Glenwood's Main Stay 6067 A. R. and out of Glenwood Girl 2d 9108. The dam of Mabel of Linden Home is Sterling's Fantine 15399 by Sterling Worth 6015 and out of Shylock's Fantine 11415.

The details of her production and feeding are given as follows:

FEED.

June, 1915. 9 lbs. grain daily of the following mixture: with .5 lb. molasses added: 480 lbs. bran, 300 lbs. ground oats, 100 lbs. each corn meal and cottonseed meal, 200 lbs. soy bean meal; green alfalfa, alfalfa hay.

July, 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 500 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; 3 lbs. beet pulp, green alfalfa, alfalfa hay.

Aug., 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 200 lbs. bran, 80 lbs. ground corn, 160 lbs. ground oats, 50 lbs. cottonseed meal, 100 lbs. soy bean meal; 35 lbs. beets, green alfalfa, alfalfa hay.

Sept., 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 400 lbs. bran, 200 lbs. corn meal, 350 lbs. ground oats, 100 lbs. each cottonseed meal and soy bean meal; 30 lbs. beets, green alfalfa, alfalfa hay.

Oct., 1915. 16 lbs. grain daily same mixture as given in September with .5 lb. molasses added; 15 lbs. beets, ensilage, green alfalfa and alfalfa hay.

Nov., 1915. Same grain ration as given in October with .5 lb. molasses added; 15 lbs. each beets and ensilage, alfalfa hay.

Dec., 1915. 18 lbs. grain daily of the following mixture: 6 lbs. bran, 2 lbs. each corn meal and cottonseed meal, 5 lbs. ground oats, 3 lbs. soy bean meal; 6 lbs. beet pulp, 18 lbs. ensilage, 8 lbs. oat hay, 10 lbs. alfalfa hay.

Jan., 1916. Same grain ration as given in December with 1 lb. molasses added: 3 lbs. beet pulp, 30 lbs. enilsage, 5 lbs. oat hay, 10 lbs. alfalfa hay.

Feb., 1916. Same grain ration as given in December with 1.5 lbs. molasses added; 4 lbs. beet pulp, 30 lbs. ensilage, 6 lbs. oat hay, 12 lbs. alfalfa hay.

Mar., 1916. 20 lbs. grain daily of the following mixture with 1.5 lbs. molasses added: 7 lbs. each bran and ground oats, 1 lb. each corn meal and oil meal, 2 lbs. each cottonseed meal and soy bean meal, 30 lbs. ensilage, 6 lbs. green alfalfa, 5 lbs. oat hay, 11 lbs. alfalfa hay.

April, 1916. Same grain ration as given in March with 1.5 lbs. of molasses added; 30 lbs. ensilage, 6 lbs green alfalfa, 5 lbs. oat hay, 11 lbs. alfalfa hay.

May, 1916. 20 lbs. grain daily of the following mixture: 7 lbs. bran, 2 lbs. each corn meal, cottonseed meal, and soy bean meal, 6 lbs. ground oats, 1 lb. oil meal; 4 lbs. beet pulp, 35 lbs. ensilage, 8 lbs. each green alfalfa and oat hay, 12 lbs. alfalfa hay..

June, 1916. Same ration as given in May.

Previous Record begun at six years and ten months of age: 12234.00 lbs. milk; 582.49 lbs. butter fat. Published in Vol. XXX.

Year's Record:		Milk			Butter Fat.	
June	1915	549.20	lbs.	4.24%	23.29	lbs.
July	"	1534.00	"	4.24%	65.04	"
Aug.	"	1605.70	"	3.83%	61.50	"
Sept.	"	1466.80	"	3.87%	56.77	"
Oct.	"	1511.70	"	4.33%	65.46	"
Nov.	"	1382.50	"	4.72%	65.25	"
Dec.	"	1377.90	"	4.80%	66.14	"
Jan.	1916	1397.50	"	4.83%	67.50	"
Feb.	"	1260.60	"	4.86%	61.27	"
Mar.	"	1329.80	"	4.69%	62.37	"
Apr.	"	1336.70	"	4.75%	63.49	"
May	"	1372.10	"	4.54%	62.29	"
June	"	747.60	"	4.61%	34.46	"
	Total	16872.10	lbs.	4.47 Av. %	754.83	lbs.

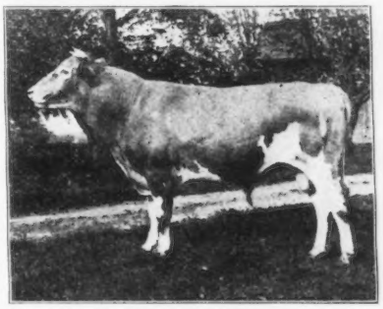
A Stock Judging Demonstration conducted by the Tompkins County Farm Bureau in Co-operation with the Tompkins County Breeders' Association.

The Tompkins County Breeders' Association and What it Has Done for the Guernsey Breeders

By PROF. H. E. BABCOCK

FIVE years ago Tompkins County, New York, stood at the bottom rung of the ladder of live stock development. Today, although it does not claim to have climbed anywhere near the top it occupies a position that is rapidly attracting the attention and envy of its hitherto more progressive neighbors. Two words explain this change of position (1) organization, (2) cooperation.

No one individual has ever claimed the credit of the Tompkins County Breeders' Association. Like all permanent institutions it "just grew." Professor Savage, of the Department of Animal Husbandry of the New York State College of Agriculture, suggested the idea in a talk Waterburg in the fall of 1910. It fell on attentive ears. A preliminary meeting was called on February 11, 1911, and at a later meeting the organization of an association was completed. It started off with a membership of 117 composed of the majority of the owners of pure bred live stock in the county at that time. All breeds of cattle, horses, sheep and swine were included in the association.



GOLDEN BOY OF PENCOYD 18896

Sire—Imp. Golden Secret 12599
Dam—Golden Lady of Norwood 22223, A. R. 1072 Owned by F. R. Allen
This Bull has been the Biggest Single Factor in Popularizing the Guernsey in Tompkins County. Picture taken as a two year old.

Since the organization meeting, the growth of the association has been steady and memberships have gradually increased.

A paper, the Tompkins County Breeders' Journal, was soon established. This excellent periodical now has a circulation of about 1000 copies, and is practically self supporting. It is edited by the manager of the Farm Bureau and in addition to a monthly sales list, contains each month articles by the leading local breeders, a page devoted to the county grange, a page for the Tompkins county homes, appropriate topics in season for the farm, and county notes. On the title page there is carried always the pictures of the two leading cows in the county; that is, the one having the largest seven day record and the one having the largest yearly record. It is interesting to note that at the present time the latter is a picture of a grade Guernsey, the former of a pure bred Holstein.

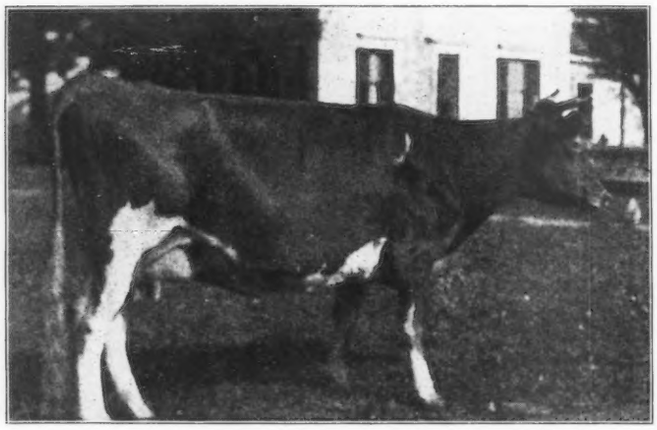
Fortunately, from the very outset the officers of the association realized that the busy organization is the successful one. For a time the development of a membership, the Breeders' Journal and a sales and advertising department absorbed their attention.

Next, the matter of exhibits at fairs was taken up and the reorganization of the local fair premium lists was secured so that special premiums were given for home owned stock. By combining their exhibits, shown in the name of the association, members in the last three years have earned for the organization in the shape of premiums from $1000 to $1400 annually. This fund, which has been increased by the revenue from the sales department has meant much in the success of the association.

THREE PURE BREDS OWNED BY H. O. McDANIELS

An example of the many small Guernsey herds that are springing up around Ithaca.

After three years of organization work and with the association finally well established and well financed, the directors of the association took up with the central office at Ithaca, N. Y., the matter of the establishment of a farm bureau in the county. In making this move, they felt that the live stock industry of the county could only be developed through educa-



PRINCESS OF CRYSTAL POND 29665
Now making a very satisfactory record. Owned by Le Roy Buck, Lansing, N. Y. The first Guernsey to be put under official test by a Tompkins County Farmer.

tion, and a careful study of the best means of carrying on this work led them to favor the employment of a farm bureau manager in the county.

This man, it was thought, would aid greatly in this work and help the farmers to realize greater benefits from their labors.

Early in the winter of 1913-14, arrangements were completed and a man secured. Since then each year the breeders' association and the farm bureau, which in New York State is supported jointly by the farmers of a county, the state and federal departments of agriculture and the New York State College of Agriculture have carried out an educational project. In general these projects have called for work of a demonstrational nature, and have consisted of stock judging demonstrations, feeding tests, milk testing demonstrations and the encouragement of official testing.

WADDINGTON GOVERNOR OF THE CHENE 27110
Sire—Governor of the Chene (R. G. A. S. 1297 P. S.)
Dam—Imp. Lizette de la Tablette 45955
Record: 9838.2 lbs. milk; 493.22 lbs. butter fat
Owned by H. E. Babcock and S. E. Banks
One of the bulls being used on Tompkins County Guernseys.

The combination of farm bureaus and breeders' associations has been found to be an ideal one. Through the former educational work is carried on, while the latter, through its board of directors and paid secretary, handles the commercial activities.

From the beginning of the organization there has been but one secretary, C. O. Carmen, of Trumansburg. Such success as the association has gained is largely to his credit. He has been at all times able and conscientious in his work. On the other hand, the members of the association have not been slow to appreciate his service. At the present time he is paid a salary by the association, and furnished an automobile with which he may take prospective customers who come to the county to see the offerings of the stock for sale.

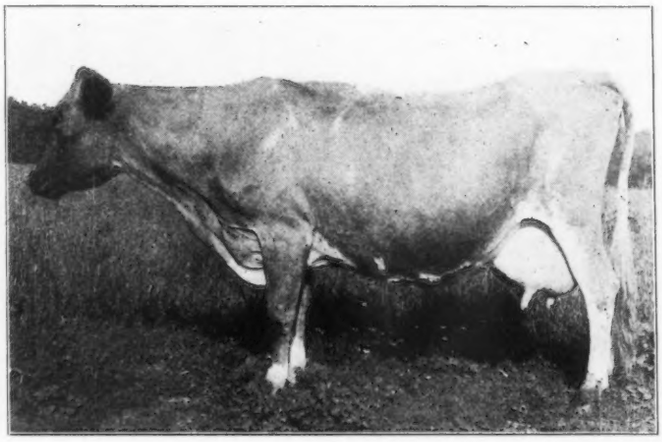
Such in brief, is the story of the events and the organization work which has preceded the present movement for Guernseys in Tompkins County. The credit, however, for actually starting the movement belongs to the Guernsey cow herself. Even prior to the organization of the association and the consequent renewed interest in pure bred live stock, there had been established in the county two or three small pure bred herds of Guernseys. Just outside of the county at Locke, was the justly celebrated herd of Corydon Peck, now under the able managership of his son-in-law, L. L. Coggshall.

Ithaca, the largest town in Tompkins County, is the home of Cornell University and the New York State College of Agriculture. Its population is composed of a large portion of professional men, and during the winter months, if about 5,000 students. This makes an excellent demand for high class milk. The dairy department of the State College of Agriculture also buys milk and cream which is manufactured into butter and all kinds of cheese for the laboratory practice of students attending the college. The milk and cream used is bought on the butter fat basis, and this market is one of the most important in the county.

Some of the dairymen supplying the dairy department with milk secured some pure bred bull calves from the Corydon Peck herd, and from that of Otto Post, at Ensenore, the breeder of Azucena's Pride 2d 24957. When used on the common grade herds, the offspring of these pure bred Guernsey bulls had so outranked their dams in the production of milk and butter fat, that it did not escape the notice of even the careless farmer, while those who were members of the local cow testing association had it demonstrated to them beyond a shadow of doubt.

As a result of this excellent showing of the grades, at least two men were induced to start pure bred herds; namely, Glenn L. Bacon and LeRoy Buck, the latter of whom at the present time is making some excellent official records.

At the same time that the grades were making a name for themselves in the northeastern part of the county, E. L. Van Kirk in the southern part of the county, was building up a small pure bred herd, and five years ago purchased through C. H. Royce, then manager of Waddington Farms, Virginia, the pure bred Guernsey bull, Golden Boy of Pencoyd 18896, a son of Imp. Golden Secret 12599, from an A. R. cow



TRIXIE
Record: 440 lbs. of fat, $88.00 profit, in Ithaca Cow Testing Association.
Owned by Glen L. Bacon
Grades like this one attracted the attention of Tompkins County Dairymen to the Guernsey

by Imp. Golden Secret of Lilyvale 10028. Mr. Van Kirk's herd was small and this bull was used generously in the neighborhood until he has at present about 100 grade daughters in the southern part of the county. As might be expected from his breeding and from his own superior merit as an individual, this bull has stamped the impress of good breeding and production on all of his progeny. In fact, so impressively did he do this, that he attracted the attention of F. R. Allen, one of the largest dairymen in the county, who had originally owned the Van Kirk herd and sold it. Mr. Allen purchased this bull last summer and three of his daughters. Then the Guernsey boom started.

Mr. Allen is a large farmer who does things in a large way. Starting with no capital, in the past twelve years he has built up one of the largest farm businesses in the county, and has at the present time in addition to his Guernseys about fifty pure bred Holsteins and a fine stud of pure bred Suffolk horses. Characteristically when he became convinced that the Guernsey cow was needed in Tompkins County, he started out to convince everyone else of that fact.

Then the work of the Breeders' Association began to show its results. Tompkins County farmers were used to working together. Mr. Allen had no trouble in interesting capital to bring in the cows.

The first lot was secured in Cayuga County and divided up among five herds. Then 26 head were secured in Virginia, eight from Kinderhook, N. Y., and a few scattering individuals from other points in New York State.

For years central New York has been prominent as a Holstein center, largely due to the fact that in addition to the animals bred there, they are brought from all over the state to be sold. Acting on this precedent the men who by now Mr. Allen had interested in Guernseys determined to hold a public sale. Of the animals that had been already brought in, however, few were for sale. Accordingly, more local capital was interested and carload lots of cows were brought in, one from Pennsylvania and two from Wisconsin. These upon their arrival were divided up among the backers of the project and sold at public auction on February 14th in the sales pavillion of the New York State College of Agriculture. Unfortunately, many of the animals had not been fitted for sale, but nevertheless sold for fair prices and with the exception of a very small proportion, went to swell the herds of New York state and Tompkins county. It is worthy of especial notice in connection with this sale that at it C. H. Royce, former manager of some of the largest Guernsey herds in the state, and at present extension professor of animal husbandry at the New York State College, was induced to purchase his first Guernsey cow. So pleased was he with this cow that he now has purchased a herd of seven head of fine Guernseys.

So much work was entailed by the purchase of so many pure bred Guernseys and none of the backers of the project were able to give their attention to the details that some arrangement had to be made to take care of them. The best way to handle the matter seemed to be by the organization of a pedigree office and the employment of a man to handle details. This was accordingly done and Ray Beach, a graduate of the College of Agriculture, secured to conduct such an office under the name of the Ithaca Sales and Pedigree Company. Since its organization this office has been kept more than busy, and has developed a considerable outside pedigree business.

In view of the activities recounted above, it is interesting to note what the gain in pure bred and grade Guernseys in the county has been during the past year. The writer has not had time to make a careful or complete census and because of the fact that men are already being attracted to the county to purchase stock, it would be difficult to give accurate figures anyway. Such a list as can be compiled, however, follows: F. R. Allen, 25 pure breds, S. E. banks, six pure breds, fifteen grades, C. H. Royce, seven pure breds, H. O. McDaniels, five pure breds, a number of grades, Walter Tailby, five pure breds and some grades, Nye Hungerford, five pure breds and several grades, Roy Hunderford, the same, E. M. Rumsey and A. G. Stone, seventeen pure breds, H. E. Babcock, fifteen pure breds, thirty-five grades, Dr. V. A. Moore, eight pure breds, fifteen grades, V. B. Blatchley, five pure breds, and several others with one pure bred female or with pure bred Guernsey bulls. All of these men live near Ithaca and all but one have either started or added to their herds in the last six months.

In addition to the above and living near Ithaca are E. S. Van Kirk with twenty pure breds, Ora Rhoads with twenty pure breds and about the same number of grades, LeRoy Buck with over twenty pure breds, several of which are under official test, Glenn L. Bacon, thirty grades and pure breds, Lew Carman seven pure breds, fifteen grades, and many others whose names are not listed.

When it is considered that most of this development is the result of less than a year's work, but that it was made possible only after several years of education and organization, the value of the latter means of improving the live stock of a section is apparent.

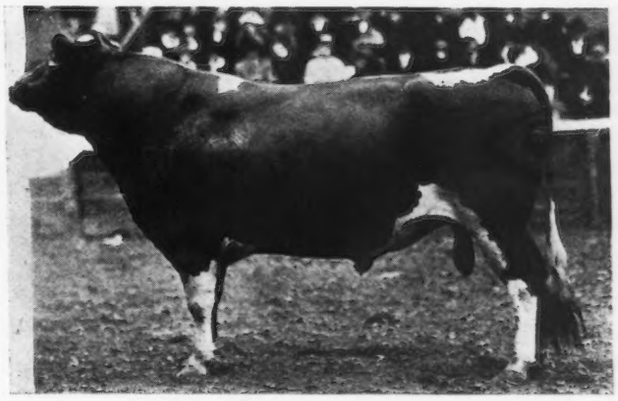
With such a concentration of the blood of a leading dairy breed in one community, beneficial results must follow. They are already in evidence. More high class milk is being offered for sale, and stock of good breeding is commanding better prices than ever before.

Mistakes have been made in handling the business cooperatively to date. Experience has taught these; organization will correct them in the future.

In closing it might be well to quote the following from the pen of a leading breeder in the county, Will Troy. Mr. Troy, a Holstein breeder, has been a loyal supporter to every movement that has meant the betterment of the county's dairy stock. Writing in the February Tompkins County Breeders' Journal, Mr. Troy says:

"The average farmer is a queer combination and he will do queer things. For instance, he will pay $45 for a mowing machine, $125 for a grain binder or corn harvester and feel that he cannot afford to get along without them. Yet, he will keep cows that are more out of date than the scythe, the grain cradle or corn knife. He can no more afford to dairy with cows that give less than 10,000 lbs. of milk in a year, than he can afford to cut his grain by hand."

Mr. Troy's own cows average 13,370 lbs. of milk.



KITCHENER'S GOVERNOR OF CORONA 19206
Sire—Imp. Lord Kitchener 11369 Dam—Imp. Corona of Sea View Farm 21369
Owner—W. A. Goodwin, Cornelius, Oregon
(See item elsewhere)

THE SUMMER MEETING OF THE VERMONT GUERNSEY BREEDERS ASSOCIATION

THE summer meeting of the Vermont Guernsey Breeders' Association was held at Stonecliff Farms, owned by Frank V. Johnson and managed by Col. Herbert T. Johnson, at Bradford, Vermont, Thursday, August 24, 1916.

Among the one hundred twenty-five people present were members of the Association from all parts of the state, members of the Guernsey Breeders' Association of New Hampshire and of New York, and visitors from several Western states and Canada.

A basket lunch was eaten at noon, and coffee, lemonade and sandwiches were served by the hosts to all who desired them.

The remaining time before the meeting was spent in looking over the stock and barns of Stonecliff Farms.

Many comments were heard upon the good type of Guernseys to be seen on the place. This herd illustrates very strikingly what can be accomplished in an average herd by the use of a good, pure-bred sire, and seeing it should furnish an incentive and encouragement to all breeders. In addition to the pure-breds, there were some twenty-five head of grades, from calves to milking heifers, which in form and color would have done justice to any pure-bred herd.

The meeting opened at two o'clock, Mr. Tenney of Brattleboro, president of the Association, introducing the speakers.

C. H. Hulburt, the editor of the GUERNSEY BREEDERS' JOURNAL, published by THE AMERICAN GUERNSEY CATTLE CLUB, at Peterborough, New Hampshire, was the first to speak. He mentioned the fact in opening, that Vermont was the leading dairy state of New England. He then described the work of THE AMERICAN GUERNSEY CATTLE CLUB at its home office in Peterborough, and urged the importance of Advanced Register work.

The next speaker introduced was Professor Story of the Agricultural College, University of Vermont, Burlington. Professor Story said that he had been much interested in looking over the herd of Stonecliff Farms, to observe what could be accomplished in grade breeding by the use of a good bull. He urged everyone who could not start with a pure-bred herd to buy a pure bred sire and grade up his herd, saying that there was at least twenty-five per cent increase in the milk of a herd which has ben so graded. He said the public now demanded milk and cream of the quality produced by the Guernsey cow.

A splendid illustration of the type of animal which should be at the head of the herd was furnished by Beau Brummel of Linda Vista 15791, the senior herd bull at Stonecliff Farms.

Professor Story explained the points of the animal, saying that he contained all the characteristics of a good Guernsey sire. He laid especial stress on the constitution of the sire, as shown by the heart girt, saying that no animal on the farm worked harder than the dairy cow who gave forty pounds of milk a day, and that she must have a strong constitution to stand the strain.

The difference of an animal sired by a pure-bred bull and one sired by a "scrub" was remarkably brought out by two animals belonging to the Farms' herd. Professor Story pointed out that the one sired by Beau Burmmel of Linda Vista 15791 showed all the points of a good dairy cow, while the other one, sired by a "scrub" bull was very evidently an inferior animal, the dam of each of these animals being exactly of the same breeding.

Professor Story argued that a community of men, all breeding Guernseys, was better than a community where every man tried to raise something different from his neighbor, explaining how people will come to a community of Guernsey breeders to buy stock, rather than to a place where there is but a single herd.

C. J. Grant of the Hampden County Improvement League, was then introduced as representing the Eastern States Agricultural and Industrial Exposition, to be held in Springfield, Massachusetts, from October 12th to 21st. The exposition, with other organizations and forces are uniting the agricultural and industrial interests of New England in an effort to make the six New England states better able to hold their own against the rapidly growing industries of the West. The National Dairy Show, to be held in connection with the Exposition, is the greatest organization of the kind in the

HOME AND FARM BUILDINGS ON STONECLIFF FARMS, BRADFORD, VERMONT
WHERE SUMMER GUERNSEY BREEDERS' MEETING WAS HELD

GATHERING AT VERMONT BREEDERS' SUMMER MEETING

world. It deals with an industry vital to Vermont as a dairy state, and Mr. Grant urged everyone to be present and to make a showing for Vermont, by exhibiting his dairy products.

One of the chief features of the Exposition is to be the organization of the boys' and girls' clubs. The aim of the Exposition is to teach the boys and girls why they should stay in the country and how they can develop the farm, the home and the community; to show them that agriculture is a high calling, an honorable vocation, a prosperous business if properly conducted, and worthy of the highest ideals.

Every line of agriculture and industry will be taken up at the Exposition, and everyone should plan to attend.

James P. Taylor, secretary of the Greater Vermont Association and well known as the enthusiastic promoter of Vermont interests, spoke on the importance of cooperation. He said the spirit of Vermont should be "Every man's gain, our gain," and "Every man's loss, our loss," that the people of Vermont must work together for one thing, or they will not be able to stand up to the rest of the country. He spoke particularly of the National Dairy Show and urged all Vermonters to make a showing there. Vermont is a small state, and only by force of organization and cooperation can it compete with other states.

Mr. Taylor said that the hills, the soil, the livestock of Vermont were here for the people to convert into capital and to give to others for their enjoyment. This must be done through publicity and energy on the part of the people of Vermont. He closed by saying that we should not live on the merits of our ancestors, but should do something to make our descendants proud of us and of our state.

Mr. Andrew Elliott of Galt, Ontario, Canada, appointed by the Secretary of Agriculture as an institute speaker, closed the speaking with an inspiring and eloquent address. He said that Vermonters could not compete with the West in raising grain or hogs; there were many things they could not do so well as are done in other parts of the country, but the one thing they could do unitedly, better than the farmers in any other part of the country, was dairying. They could make this a Guernsey community, and by studying the conditions under which the Guernsey was raised in its native island, they could be more successfully bred. Mr. Elliott said that high-class dairying always seemed to him to be associated with high-class men and women. He closed by saying there was no better way to make the name of Vermont descend to future generations than to be a good dairyman.

A vote of thanks was then given to the host and hostess of Stonecliff Farms for their hospitality, also to the president and secretary and the speakers of the afternoon, who gave their services to make it one of the most interesting and enthusiastic meetings of the Association.

A resolution was passed, expressing the deep sense of loss which the Association felt it had sustained in the death of one of its oldest and most enthusiastic members, E. R. Andrews of Boston, Massachusetts, and Putney, Vermont.

The Guernsey Breeders' Association was formed two years ago, by Col. Johnson, as an incentive to better breeding and to advertise the Guernsey cow. It has grown steadily and now has over one hundred members, the number of breeders in the state having nearly doubled in this time.

HOME OF HENRY W. LEEDS, LOCUST GROVE FARM, WESTVILLE, NEW JERSEY

NEW JERSEY BREEDERS FOREGATHER AT LEEDS ANCESTRAL COUNTRY SEAT

THE Annual Field Meet of the New Jersey Guernsey Breeders Association was held at Locust Grove Farm, the property of W. B. Leeds, Westville, on Thursday, August 17, 1916. The Association assembled at Locust Grove about eleven o'clock. This property has been in the Leeds family since 1620 and comprises about 400 acres. The greater protion of the farm is cultivated and intensively so, the whole place being run on a scientific and up to date method. There are large peach orchards and large truck gardens, with considerable acreage of strawberries; healthy fields of alfalfa and a variety of other crops including mangles and roots for the cattle. After the barns, bulls and calves had been inspected the milking herd and the test cows were seen in paddocks near the stables, and thereafter five cows were led out for inspection and score cards distributed to the whole membership and after Prof. Minckler and his assistants at the experimental station had scored the animals, each of the members took his turn and a very interesting comparison between the scores so made was indulged in. An inspection was made as to the manner in which the cattle had been scored by the experts and their good and deficient points were pointed out. It is believed that this innovation was much enjoyed and of great benefit. At one o'clock the party made an inspection of the irrigated truck gardens and then adjourned to a large tent on the lawn where refreshments were served.

The business meeting took place at two-thirty. Seventy-six members and guests were reported present. The minutes of the last meeting were read and approved and the treasurer submitted his accounts for the year showing a balance on hand of $104.36.

Messrs. Lippincott and Evans were appointed an Auditing Committee and reported the treasurer's accounts as correct.

The following new members were then proposed and on motion were unanimously elected:

L. T. Hallock, Clayton; Carlton Hallock, Clayton; Wm. A. Shaw, Palatine; W. J. Carson, Dairy Dept., Experimental Station; L. S. Riford, Dairy Dept., Experimental Station; J. W. Bartlett, Dairy Dept., Experimental Station; L. W. Jeffers, Plainsboro; Joseph K. Haines, Mt. Ephraim; A. J. Gaunt, Jobstown; Wm. S. Wheaton, Millville; J. Early, Clayton.

The nominating committee then reported the following list of officers who on motion were unanimously elected:

President, Joseph Larocque, Bedminster; Vice President, F. W. Roebling, Trenton; Secretary, Charles D. Cleveland, Eatontown.

Executive Committee: Joseph L. Hope, Madison; E. T. Gill, Haddonfield; Dr. James E. Russell, Lawrenceville; H. W. Leeds, Westville; J. A. Haskell, Red Bank.

Prof. F. C. Minckler, of the Experimental Station, then delivered an interesting talk on "Publicity by means of the show ring," and he urged members to exhibit at the Trenton Interstate Fair, pointing out the fact that what the State needed was breeders and that the professional traveling show men should not gain the prizes but rather that they should go to cattle bred and raised in the State of New Jersey. Mr. W. B. Jones, Superintendent of Woodlands Farm, White Plains, N. Y., then gave a short talk on the advantages of A. R. work showing how it developed the cow, improved her condition, was economically correct and that the weigh scales were the proper means of determining the real merits of the cow. Mr. Campbell of Maryland then delivered a eulogy on the late Mr. Pierson, Rich Neck Farms, Claibourne, Md. He showed how the perseverance and intelligence of Mr. Pierson built up a sterling herd and had benefitted not

only the community in which he lived but the whole state. Ex Governor W. S. Stokes was then asked to respond to the question as to whether he was breeding Guernsey cattle, and if not why not, and he favored the company with a very amusing and forceful address. The Association passed votes of thanks to Mr. Stokes for coming to the meeting and to Mr. Leeds for his generous hospitality. The secretary then urged the members to compete at Trenton for special prizes which had been donated by members of the Club for competition by members only and urged all to take advantage of these specials.

WOODVALE GUERNSEYS

WOODVALE MASHER 22222
Sire—Procida's Island Champion 13422
Dam—Lavesa R. 15064 A. R. 669

WE enjoy very much reading the GUERNSEY BREEDERS' JOURNAL and as you encourage information from breeders, will give you a little history of the beginning and developing of Woodvale herd at Copley, Ohio. Possibly it may be an incentive to some other fellow with more ambition and money to better his present conditions.

The herd was started in 1906 with the purchase of a registered bull calf. Three years later when the first grade began to produce, our main ambition was to get some pure breds.

A yearling bred heifer was purchased, by name, Sir Galahad's Greta's Daughter 25780. She, besides making a very good record every year, has given us several heifer calves, three of which are now in the herd. They have not freshened but look very promising.

In 1907, four females headed by the bull, Procida's Island Champion 13422, were purchased from Burnside Farm, Eccleston, Md. The sire of this bull, Imp. Francis Masher 2d 7248 A. R., with twelve high producing daughters, also sire of Imp. Masher's Sequel 11462 A. R. and Imp. Masher's Galore 8572 A. R. Procida's Island Champion's dam is Procida 21994, with a record of 421 pounds of fat.

He was used six years and left eight registered daughters in the herd, only two of which have come into milk. They are very good producers being better than their dams at the same age. The females of this herd were Lavesa R. 15064 A. R. 669, a large, fine cow with perfect udder, which milked forty-eight pounds per day in winter on dry feed and the very commonest kind of care. She is the dam of the great sire Lavanton 11611 A. R. in the Rich Neck herd. She gave us two bulls and one heifer. The heifer died and the bull, Woodvale Masher 22221, was retained for use in the herd. His sire was Procida's Island Champion 13422. We now have four registered heifers by him, a very large, strong, typy lot.

Countess Anita 24476 left one daughter by Vega's Glenwood 11198, namely, Glenita of Woodvale 38990. She is of good type and has produced 4364 pounds of five per cent. milk in four months and is now milking thirty-five pounds per day at five years. She has one daughter that looks very promising.

Gold Leona 24574 left one daughter by Imp. His Eminence 11602 A. R., Leona's Lassie 38987, a cow of perfect conformation and combining the two successful adjuncts to successful breeding, beauty and utility. She has made 3507 pounds of milk in ninety days and still makes forty-two pounds per day at six years. She has given us four heifers, all of which have been retained, and from this lot we hope by mating with good sires to develop a great family.

In 1913, we added by purchase eight females from which three very good foundation cows have been developed. One, Miss Jewelette 30629, has a daughter, Miss Jewelette of Pleasant Valley 42206 and also Beulah of Pleasant Valley 42207. The last two named are daughters of Glenwood's Mainstay's 8th Lord Sherwood 14391 A. R.

We have four daughters by this sire in the herd. The herd now numbers twenty-two registered animals.

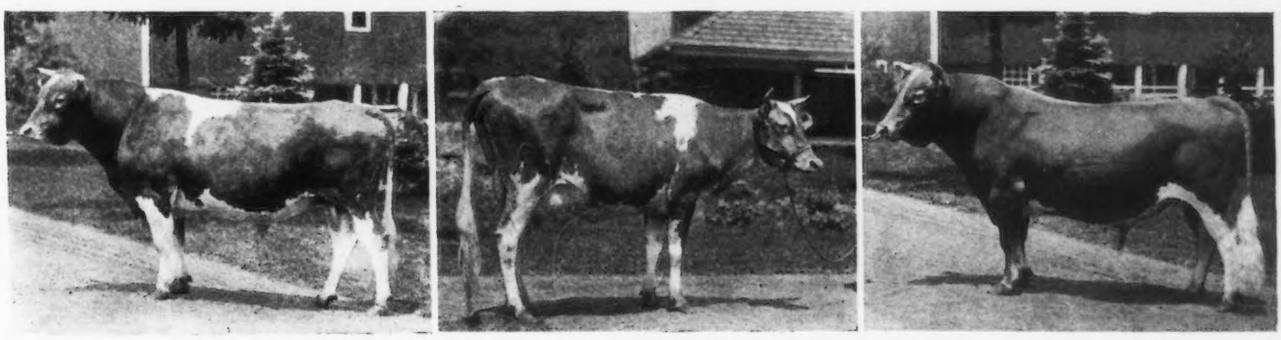
We have recently purchased the bull Golden Lenore's Rival 32067, bred by V. Everit Macy, Ossining, N. Y., to mate with the daughters of the two former sires.

He is a son of Langwater Rival 14194 A. R. with five Advanced Register daughters and Archer's Golden Lenore 32636 A. R. 2753, with 361 pounds of fat at two years.

Now as to gain in production in 1906, ten aged cows averaged 213 pounds of fat. In 1915, ten cows, five of which were heifers, averaged 7200 pounds of milk and 351 pounds of fat. So much for breeding and weeding. We do not keep anything in the herd that cannot produce thirty-five pounds fat in one month at two years, or fifty pounds at full age with common care.

As a preliminary to Advanced Register testing, we weigh every milking and test several times a year.

We hope to be able to test officially before long, but so far we have had more calls for stock than we can fill without testing or advertising. —E. E. TSCHUMY, Copley, Ohio.



GLENWOOD'S MAINSTAY OF PINEHURST 25848, McKINNEY'S JEWEL 47890, MASHER'S SEQUEL 15778
OWNED BY HENRY W. LEEDS, WESTVILLE, NEW JERSEY

BREEDERS' DEBT TO MATERNAL PREPOTENCY OF MAY ROSE 2d 3251 P. S.

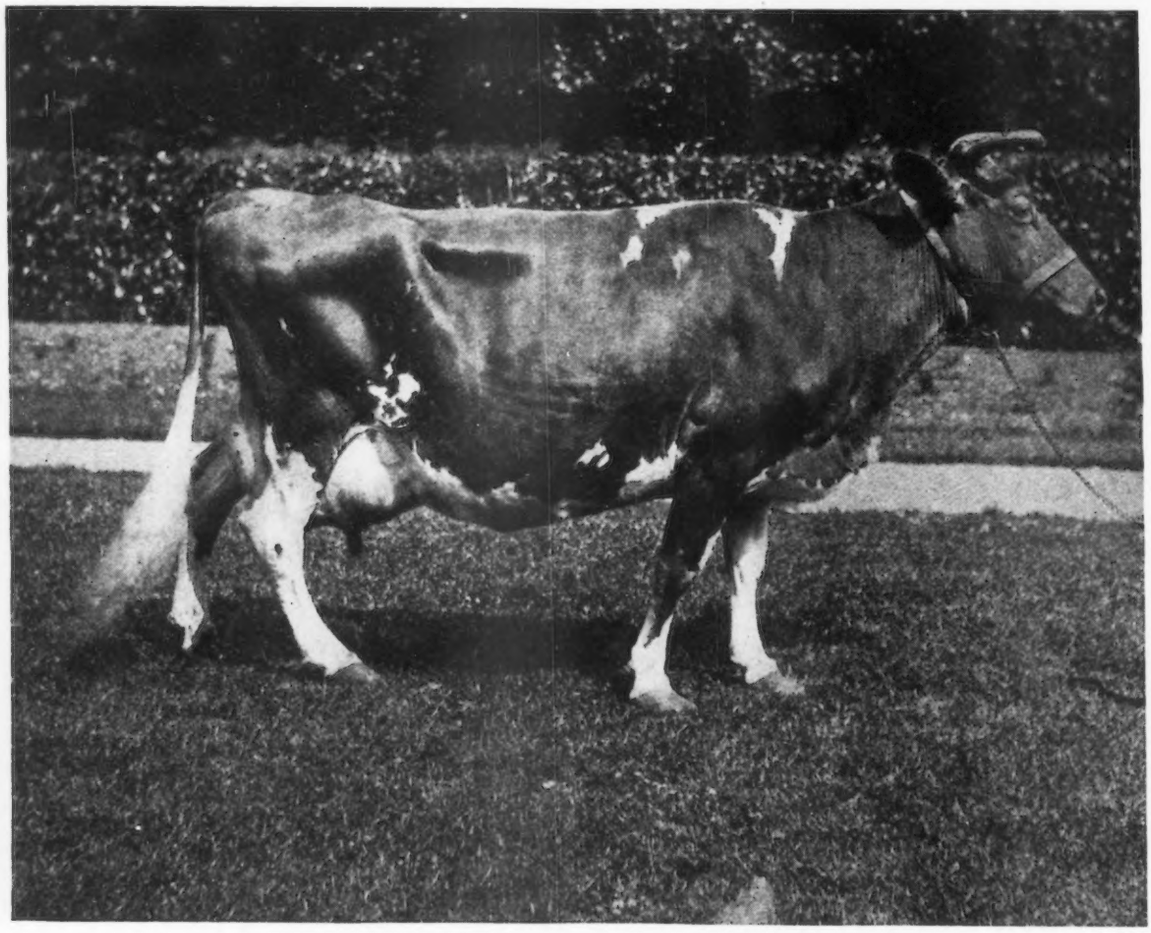
By LEANDER F. HERRICK

WHAT the Guernsey breeders of the world owe to the cow May Rose 2d 3251 P. S. has never been fully recognized, although her wonderful record as a show cow and a breeder was appreciated by the Guernsey and English breeders back in the nineties. She produced four sons and five daughters, some of which were of the highest class as individuals and of remarkable prepotency. It was her last son, Imp. May Rose King 8336, which won first prize at the Royal Show in 1902, and afterwards sold for importation to this country to head the Florham Farms' herd which attracted attention to the value of the blood of this great cow on this side of the water. It was her granddaughter, Imp. Itchen Daisy 3d 15630 (sired by another prize-winning son, May Day 1132 E. G. H. B.) which in 1904 as a two year old, made an Advanced Register test placing her at the head of class G and at four and one half years made a re-entry test placing her at the head of class B.

Imp. Itchen Daisy 3d 15630 measured by all the standards—conformation, production, transmission—ranks at the top, but if we analyze the breeding of her most noted progeny, it shows the influence of the recrossing of the blood of May Rose 2d 3251 P. S. Her son, Imp. King of the May 9001, sired by Imp. May Rose King 8336, a son of May Rose 2d 3251 P. S., was considered by many careful breeders as the greatest sire of his day.

It was a daughter of May Rose 2d 3251 P. S., Rose of Gold 3668 P. S., which won first prize at the Royal Guernsey Agricultural Society Show, and first and championship at the London Dairy Shows from 1898 to 1903; she in turn the dam of that great sire, Imp. Golden Secret 12599, also a prize winner for a number of years at the leading shows across the water.

Imp. King of the May 9001 A. R., sired at Langwater Farms some of the greatest cows of the breed, as their Advanced Register and show ring records show; and it is his daughter, Langwater Hope 27946 A. R. 1978, out of Imp. Itchen Lily V 23540, a daughter of Imp. Golden Secret 12599, which has headed class F since 1912. The tests of Lang-



MAY ROSE 2d 3251 P. S. DROPPED MAY 30, 1884
Sire—Pharaon 43 P. S. Dam—May Rose 1392 F. S.

water Hope 27946 A. R. 1978, which placed her at the head of class F, gave her an official record which surpassed any claim yet made for a cow of like age and her retest which she is now making, will prove to all that she is a wonderful butter cow, and with her individual excellence, cast into the scale with her pedigree, her descendants ought to prove very valuable.

A careful study of the pedigrees of Langwater Warrior 26509 and Langwater Hope 27946 A. R. 1978, shows that of the twelve animals in the first three generations of their pedigrees, ten have been winners at the Royal Show from one to five times, and have produced prize winning animals of the first class. They trace to May Rose 2d 3251 P. S. through the most prepotent lines on both maternal and paternal sides, lines with breeding uniformly superior.

Mr. Ames has, by his methods of breeding for a direct purpose, established a fixed quality as Langwater Warrior 26509 and Langwater Hope 27946 A. R. 1978 illustrate, confirmed by generations of special merit that will transmit useful results and raise the Guernsey standard to one of unsurpassed value. Imp. May Rose King 8336 and Imp. King of the May 9001 have both proven their great worth as sires of butter cows. The son and grandson, Langwater Warrior 26509, is still untried, but upon untried chances I would expect far greater success in breeding butter cows of superb conformation from him than from any untried bull that had less credentials in butter to back him.

The collection of stock to be disposed of at the sale on October 10, will be largely composed of the blood of May Rose 2d 3251 P. S., through the Imp. King of the May 9001-Imp. Itchen Daisy 3d 15630 lines, the quality of which in capacity for butter has done more to create the great appreciation in which the Guernsey is held today in this country, than any other lot of stock imported. We say this in no disparagement of the efforts of others, nor in derogation of the quality of their cattle, but because circumstances have been such, that the grand quality of Mr. Ames' cattle has been discovered, and has pointed out to the people what it is possible for a Guernsey to do.

To have owned and tested such cows as Imp. Itchen Daisy 3d 13636.80 pounds of milk, 714.10 pounds of fat as a four year old; Dolly Bloom, 17297.51 pounds of milk, 836.21 pounds of fat at five years; Imp. Hayes Rosie, 14633.08 pounds of milk 714.31 pounds of fat at seven years; Imp. Princess Rhea, 14009.89 pounds of milk, 775.69 pounds of fat at nine years, all Class Leaders, is a credit to any man.

To have bred such cows as Dolly Dimple, 18,485.50 pounds of milk, 906.89 pounds of fat at three years, a Class Leader since 1908; Rose of Langwater, 15008.20 pounds of milk, 751.62 pounds fat at three years; Langwater Princess, 12280.-50 pounds of milk, 651.19 pounds of fat at two years; Langwater May Rose, 9212.50 pounds of milk, 530.06 pounds of fat at two years; Langwater Dorothy, 16099.70 pounds of milk, 781.65 pounds of fat at three years; Langwater Dolly Bloom, 16507.10 pounds of milk, 867.89 pounds of fat at seven years, and most wonderful of all, Langwater Hope, a Class Leader since 1912 testing 15078.80 pounds of milk, 773.59 pounds of fat at two years and now on retest, producing in 305 days 17203.60 pounds of milk, 854.16 pounds of fat, is a piece of handiwork that may puzzle any other breeder to accomplish, but perhaps there is no surer road to their reproduction than a selection of the same blood that produced them and which will be found represented in great excellence in the herd to be sold.

By judicious selection of females and one of the young bulls, a small herd could be easily started which would contain not only prize winners, but combine the most famous strains of blood in the world, thus founding a herd at the start which it has taken years of selective breeding to produce.

Advanced Register Records Completed and Approved to September 1, 1916

These records are all made on the two day test basis except where especially noted.

Lady Jane of Kirkside 33526, A. R. 4462, owned by C. T. Bundy, Eau Claire, Wis. Record:—8400.20 lbs. milk; 427.34 lbs. b. f. 4 yrs. 11 mos. old. (1 day test)

Eltha 33914, A. R. 4463, owned by C. T. Bundy, Eau Claire, Wis. Record:—7235.40 lbs. milk; 447.71 lbs. b. f. 4 yrs. 7 mos. old. (1 day test)

Rose of Willowmere 35096, A. R. 4464, owned by C. T. Bundy, Eau Claire, Wis. Record:—8615.90 lbs. milk; 434.70 lbs. b.f. 4 yrs. 6 mos. old. (1 day test)

Atlasta Girl 43583, A. R. 4465, owned by C. T. Bundy, Eau Claire, Wis. Record:—6947.50 lbs. milk; 360.27 lbs. b. f. 2 yrs. 4 mos. old. (1 day test)

Phebe D. of Maplelawn 24205, A. R. 4466, owned by James H. Seaman, Glens Falls, N. Y. Record:—9891.63 lbs milk; 522.98 lbs. b. f. 13 yrs. 10 mos.old. (1 day test)

Gem of Sunnyside 33575, A. R. 4467, owned by James H. Seaman, Glens Falls, N. Y. Record:—7908.14 lbs. milk; 373.42 lbs. b. f. 4 yrs. 10 mos. old. (1 day test)

Princess of Riverland 36678, A. R. 4468, owned by James H. Seaman, Glens Falls, N. Y. Record:—9937.73 lbs. milk; 504.10 lbs. b. f. 3 yrs. 11 mos. old. (1 day test)

Colza of Jean Du Luth 52810, A. R. 4469, owned by Jean Du Luth Farm, Inc., Duluth, Minn. Record:—7462.40 lbs. milk; 441.20 lbs. b. f. 2 yrs. 3 mos. old.

Questa Bloom of Langwater 27856, A. R. 4470, owned by I. C. Blandy, Greenwich, N. Y. Record:—13605.50 lbs. milk; 630.16 lbs. b. f. 5 yrs. 11 mos. old.

Gypsy Queen of Maple Heights 47329, A. R. 4471, owned by Fruit Bros., Waukesha Wis. Record:—10246.40 lbs. milk; 449.59 lbs. b. f. 2 yrs. old.

Thirty Thousand Six Hundred Eleven 30611, A. R. 4472, owned by Est. George Mixter, Hardwick, Mass. Record:—10574.30 lbs. milk; 520.45 lbs. b. f. 8 yrs. 8 mos. old.

Thirty Thousand Six Hundred Fifty Eight 30658, A. R. 4473, owned by Est. George Mixter, Hardwick, Mass. Record:—10881.30 lbs. milk; 536.41 lbs. b. f. 8 yrs. old.

The Lady Bellicent of Hylsted 43115, A. R. 4474, owned by W. T. Porter, Dover, Mass. Record:—5767.30 lbs. milk; 309.07 lbs. b. f. 2 yrs. 6 mos. old.

Brunette II. du Carrefour 31960, A. R. 4475, owned by Jean Du Luth Farm, Inc., Duluth, Minn. Record:—10193.40 lbs. milk; 454.23 lbs. b. f. 6 yrs. 3 mos. old.

Imp. Faith of Rondibosch 35161, A. R. 4476, owned by O. W. Lehmann, Lake Villa, Ill. Record:—8566.70 lbs. milk; 395.07 lbs. b. f. 5 yrs. 2 mos. old.

Imp. England's Muriel 37412, A. R. 4477, owned by O. W. Lehmann, Lake Villa, Ill. Record:—10895.80 lbs. milk; 469.27 lbs. b. f. 8 yrs. old.

Normandie's Maid 42051, A. R. 4478, owned by O. W. Lehmann, Lake Villa, Ill. Record:—8719.40 lbs. milk; 382.95 lbs. b. f. 3 yrs. 3 mos. old.

Clorinda of Lochevan 54777,A. R. 4479, owned by Spencer Kellogg, Derby. N. Y. Record:—10341.20 lbs. milk; 507.53 lbs. b. f. 2 yrs. 11 mos. old.

Clytie of Ashland 45378, A. R. 4480, owned by Alfred L. Lincoln, Norwell, Mass. Record:—7900.90 lbs. milk; 393.15 lbs. b. f. 2 yrs. old.

Imp. Galaxy's Blanche Daisy 34987, A. R. 4481, owned by Alfred L. Lincoln, Norwell, Mass. Record:—11934.30 lbs. milk; 610.95 lbs. b. f. 6 yrs. 6 mos. old.

Daylight Miss 12572, A. R. 4482, owned by William F. Gable, Wyebrooke, Pa. Record:—11779.30 lbs. milk; 546.00 lbs. b. f. 15 yrs. 2 mos. old.

Imp. Polly V. of the Beaulieu 27497, A. R. 4483, owned by William F. Gable, Wyebrooke, Pa. Record:—8733.70 lbs. milk; 438.89 lbs. b. f. 7 yrs. 1 mo. old.

Glen Gable Gazelle 31357, A. R. 4484, owned by William F. Gable, Wyebrooke, Pa. Record:—11460.70 lbs. milk; 512.86 lbs. b. f. 5 yrs. 7 mos. old.

Imp. Billy's France's Freesia 27573, A. R. 4485, owned by F. W. Roebling, Trenton, N. J. Record:—8310.40 lbs. milk; 402.05 lbs. b. f. 6 yrs. 11 mos. old.

Imp. Lady Hero of Bellview 49762, A. R. 4486, owned by C. L. A. Whitney, Albany, N. Y. Record:—8521.70 lbs. milk; 387.52 lbs. b. f. 1 yr. 9 mos. old.

Druce's May Queen 45294, A. R. 4487, owned by Frank A. Hotchkiss, Millerton, N. Y. Record:—8916.50 lbs. milk; 453.57 lbs. b. f. 2 yrs. 2 mos. old.

Winnebago Beauty 49966, A. R. 4488, owned by Math Michels, Peebles, Wis. Record:—6676.10 lbs. milk; 308.59 b. f. 2 yrs. 1 mo. old.

The First Dame 42712, A. R. 4489, owned by Clarence H. Mackay, Roslyn, N. Y. Record:—10863.20 lbs. milk; 568.67 lbs. b. f. 4 yrs. 11 mos. old.

King of the May's Primrose 45864, A. R. 4490, owned by H. D. Griswold, West Salem, Wis. Record:—8363.30 lbs. milk; 426.42 lbs. b. f. 2 yrs. 1 mo. old. (1 day test)

Lady Brodhead 16751, A. R. 4491, owned by H. W. Griswold, West Salem, Wis. Record:—9666.90 lbs. milk; 361.37 lbs. b. f. 13 yrs. old. (1 day test)

Imp. Because of Sarnia 47625, A. R. 4492, owned by C. T. Bundy, Eau Claire, Wis. Record:—6352.80 lbs. milk: 370.13 lbs. b. f. 3 yrs. 8 mos. old. (1 day test)

Sequel's Bossie of Willowdale 34709, A. R. 4493, owned by Arthur W. Wellington, Weston, Mass. Record:—7938.20 lbs. milk; 382.87 lbs. b. f. 4 yrs. 7 mos. old.

Thirty Thousand Eight Hundred Forty, 30840, A. R. 4494, owned by Est. George Mixter, Hardwick, Mass. Record:—10744.60 lbs. milk; 514.15 lbs. b. f. 6 yrs. 5 mos. old.

Imp. Daisy Mac Culloch 35812, A. R. 4495, owned by William H. Saylor, San Francisco, Cal. Record:—7036.90 lbs. milk; 382.88 lbs. b. f. 4 yrs. 8 mos. old. (1 day test)

Imp. Clara of Anna Dean Farm 47025, A. R. 4496, owned by O. C. Barber, Barberton, Ohio. Record:—11239.90 lbs. milk; 591.46 lbs. b. f. 2 yrs. 9 mos. old

Espoir's Phyllis K. 33885, A. R. 4497, owned by Felix M. Warburg, White Plains, N. Y. Record:—10732.70 lbs. milk; 452.99 lbs. b. f. 4 yrs. 11 mos. old.

Penelope of the Elms 44667, A. R. 4498, owned by Spencer Kellogg, Derby, N. Y. Record:—11395.30 lbs. milk; 454.78 lbs. b. f. 3 yrs. 9 mos. old.

Twilight Daisy of Oak Hill 43118, A. R. 4499, owned by J. Amory Haskell, Red Bank, N. J. Record:—10306.40 lbs. milk; 574.47 lbs. b. f. 2 yrs. 6 mos. old.

Golden Glow of Highland 30427, A. R. 4500, owned by Elliott-Brant Rancho, Owensmouth, Cal. Record:—9077.80 lbs. milk; 421.78 lbs. b. f. 5 yrs. 10 mos. old.

Yeksarose 6th 44757, A. R. 4501, owned by Helendale Farms, Athens, Wis. Record:—9773.60 lbs. milk; 525.50 lbs. b. f. 2 yrs. 5 mos. old.

Rival's Gipsy of Dellwood 46824, A. R. 4502, owned by William Fahnestock Katonah, N. Y. Record:—9022.50 lbs. milk; 420.19 lbs. b. f. 2 yrs. 3 mos. old.

May King's Belle of Oakhurst 45567, A. R. 4503, owned by The Columbia Mills, Inc., Minetto, N. Y. Record:—10629.70 lbs. milk; 516.44 lbs. b. f. 2 yrs. 1 mo. old.

Imp. Lynchmere Florrie 2d 54026, A. R. 4504, owned by Burdette P. Craig, Glen Spey, N. Y. Record:—8619.40 lbs. milk; 491.01 lbs. b. f. 2 yrs. 2 mos. old.

Re-entries.

Imp. Royal Lady of the Isle 27500, A. R. 1379, Re-entry, owned by Frank A. Hotchkiss, Millerton, N. Y. Record:—9535.60 lbs. milk; 478.99 lbs. b. f. 7 yrs. 5 mos. old.

Mayflower Marshall 24703, A. R. 1609, Re-entry, owned by Albert C. Loring, Minneapolis, Minn. Record:—8173.60 lbs. milk; 449.21 lbs. b. f. 6 yrs. 6 mos. old.

Cayuga Belle 29774, A. R. 1962, Re-entry, owned by James E. Russell, Trenton, N. J. Record:—14129.90 lbs. milk; 664.49 lbs. b. f. 6 yrs. old. (1 day test)

Imp. Lizette IV. of the Spurs 28366, A. R. 2272, Re-entry, owned by Jean Du Luth Farm, Inc., Duluth, Minn. Record:—11240.80 lbs. milk; 549.28 lbs. b. f. 6 yrs. 2 mos. old.

Aurora of Hylsted 32618, A. R. 2375, Re-entry, owned by W. T. Porter, Dover, Mass. Record:—5855.00 lbs. milk; 361.93 lbs. b. f. 4 yrs. 6 mos. old.

Imp. Rose II. des Reveaux 40653, A. R. 2805, Re-entry, owned by Jean Du Luth Farm, Inc., Duluth, Minn. Record: 10236.20 lbs. milk; 511.15 lbs. b. f. 4 yrs. 8 mos. old.

Chenette Emerande 30458, A. R. 2927, Re-entry, owned by O. C. Barber, Akron, Ohio. Record:—11238.10 lbs. milk; 586.79 lbs. b. f. 6 yrs. 5 mos. old.

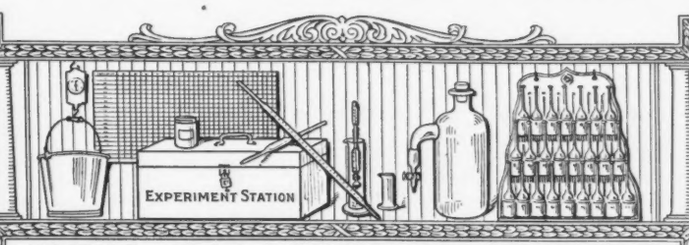
Lady Germania 26418, A. R. 3089, Re-entry, owned by Est. George Mixter, Hardwick, Mass. Record:—11036.00 lbs. milk; 577.57 lbs. b. f. 9 yrs. 2 mos.old.

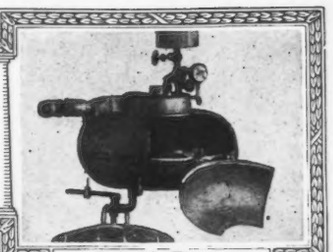
Spring Maid 37705, A. R. 3131, Re-entry, owned by Robert & Herbert Scoville, Taconic, Conn. Record:—10551.70 lbs. milk; 478.55 lbs. b. f. 4 yrs. 2 mos. old.

Storrs Naomi 21558, A. R. 3325, Re-entry, owned by The Connecticut Agricultural College, Storrs, Conn. Record:—10145.40 lbs. milk; 413.92 lbs. b. f. 10 yrs. 1 mo. old.

Miss Linden of Edgewater 32708, A. R. 3517, Re-entry, owned by F. G. Benham, Canandaigua, N. Y. Record:—9947.30 lbs. milk; 558.98 lbs. b. f. 4 yrs. 11 mos. old.

Record: 981.53 lbs. Fat





Babcock Tester

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · IN · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Murne Cowan 19597, A. R. 1906, Re-entry	8	9	24008.00	1098.18	4.57
May Rilma 22761, A. R. 1726, Re-entry	6	4	19673.00	1073.41	5.46
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394, Re-entry	9	4	19794.90	981.53	4.96
Spotswood Daisy Pearl 17696, A. R. 790, Re-entry	7	5	18602.80	957.38	5.15
Imp. Daisy Moon III. 28471, A. R. 1909, Re-entry	6	4	18019.40	928.39	5.15
Julie of the Chene 30460, A. R. 2752, Re-entry	6	1	17661.00	953.53	5.40
Miranda of Mapleton 19606, A. R. 914, Re-entry	7	6	16630.70	927.16	5.57
Imp. Beauty of Park Farm 28420, A. R. 1850	8	2	14686.80	898.82	6.17
Imp. Queen Regent IV. 22716, A. R. 1000, Re-entry	6	6	15862.50	889.57	5.61
Spotswood Daisy Pearl 17696, A. R. 790, Re-entry	9	10	17981.10	886.98	4.93

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Dairymaid of Pinehurst 24656, A. R. 843, Re-entry	4	8	17285.30	910.67	5.27
Julie of the Chene 30460, A. R. 2752	4	10	15174.20	827.26	5.45
Lady Lesbia 25142, A. R. 1348, Re-entry	4	10	13582.75	787.03	5.79
King's Alberta 33788, A. R. 2555, Re-entry	4	8	13954.90	785.61	5.63
Pandora's Valentine of Rich Neck 27622, A. R. 1742, Re-entry	4	9	14341.60	784.22	5.47
Glenanaar of the Glen 23619, A. R. 1907	4	7	16813.10	780.66	4.64
Lady Dairymaid of Pinehurst 29723, A. R. 2106, Re-entry	4	10	14770.00	769.58	5.21
Lime Girl 33441, A. R.3443, Re-entry	4	11	15264.50	728.68	4.77
Imp. Dinah II. of the Fountain 28482, A. R. 1796	4	11	14877.00	726.77	4.89
Imp. Itchen Daisy 3d 15630, A. R. 100, Re-entry	4	7	13636.80	714.10	5.24

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Azucena's Pride 2d 24957, A. R. 1469, Re-entry	4	1	16203.90	855.70	5.28
Governor's Pauline 30472, A. R. 2441, Re-entry	4	3	14930.00	844.47	5.66
Polly's Beauty 35078, A. R. 2911, Re-entry	4	1	16629.80	774.40	4.66
Imp. Dora II. of Les Marais 37737, A. R. 1999, Re-entry	4	1	15434.90	770.38	4.99
Pauline Standish 33533, A. R. 3308	4	4	15870.60	757.21	4.77
Imp. Beauty II. of the Coutanchez 28465, A. R. 2081	4	5	13513.90	748.81	5.54
Stella's Favorite 2d 29167, A. R. 2283, Re-entry	4	0	14529.60	719.23	4.95
Noblesse 3d 37942, A. R. 2908, Re-entry	4	1	12399.50	717.67	5.78
Triple Champion's Marva 30001, A. R. 2400, Re-entry	4	2	14370.30	703.27	4.89
Maggie Shand 28202, A. R. 2135	4	2	14359.40	701.99	4.89

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Dolly Dimple 19144, A. R. 628, Re-entry	3	9	18458.80	906.89	4.91
Mignonette of Rich Neck 36828, A. R. 3054, Re-entry	3	9	14304.90	800.77	5.60
Langwater Dorothy 27944, A. R. 1822, Re-entry	3	9	16099.70	781.65	4.86
Imp. Princess of the Blicqs 28485, A. R. 1908	3	8	12608.80	774.16	6.14
Nella Jay 4th 38233, A. R. 3194 Re-entry	3	6	16039.90	769.33	4.78
Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802, Re-entry	3	8	14065.10	755.07	5.37
Rose of Langwater 24204, A. R. 1445, Re-entry	3	11	15008.20	751.62	5.01
Imp. Ma Charmante 6th 31925, A. R. 1995	3	8	15149.80	740.20	4.89
Imp. Daisy Moon III. 28471, A. R. 1909	3	10	12489.90	710.70	5.69
Brightness of Glenburnie 30742, A. R. 1961, Re-entry	3	11	12858.60	709.95	5.52

CLASS E—THREE TO THREE AND ONE-HALF YEARS

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Jehanna Chene 30889, A. R. 2588	3	5	16186.70	863.36	5.33
Dairymaid of Pinehurst 24656, A. R. 843, Re-entry	3	1	14562.40	860.26	5.91
Glenwood's Buttercup 48137 A. R. 3224 Re-entry	3	4	13728.90	769.82	5.61
Masher's Elsie 24986, A. R. 1967	3	5	14458.70	745.75	5.16
Miranda of Edgewater 30970, A. R. 2363	3	0	14617.30	730.49	5.00
Fleurette of Riverside Farm 36286, A. R. 2930, Re-entry	3	5	13665.50	689.56	5.40
Sweet Maria 25151, A. R. 1803	3	0	12542.50	682.86	5.44
Imp. Darling of Ida Cottage 44578, A. R. 3566	3	3	12731.60	668.63	5.25
Rutila's May Rose 24946, A. R. 1423, Re-entry	3	5	11415.75	655.93	5.75
Winona Bay 2d 35932, A. R. 3502	3	1	11827.00	653.67	5.53

CLASS F—TWO AND ONE-HALF TO THREE YEARS

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Langwater Hope 27946, A. R. 1978	2	7	15078.80	773.59	5.13
Azucena's Pride 2d 24957, A. R. 1469	2	9	12633.30	706.46	5.59
Rose of Langwater 24204, A. R. 1445	2	7	12966.50	669.89	5.17
Imp. Buttercup II. of Beauregard 35799, A. R. 2638	2	11	10623.30	659.71	6.21
May Belle of Linda Vista 29679, A. R. 2134	2	7	11981.76	653.02	5.43
Imp. Rose des Houards 59th 44975, A. R. 3901	2	6	13522.80	643.11	4.75
Yeksarose 16610, A. R. 472	2	7	11275.50	638.49	5.66
Imp. Rouge II. of the Brickfield 28336, A. R. 1198	2	7	10963.00	612.53	5.59
Imp. Bijou des Frances 44541, A. R. 3043	2	6	10655.60	612.27	5.75
Imp. La Rochelle III. 28511, A. R. 2079	2	11	11421.50	609.04	5.33

CLASS G—TWO TO TWO AND ONE-HALF YEARS

	Yrs.	Mos.	Lbs. Milk	Lbs. Fat	Per Cent
Cherry of Edgewater 38413, A. R. 3361	2	4	13454.20	732.97	5.45
Nella Jay 4th 38233, A. R. 3194	2	2	14772.70	726.32	4.92
Nugget's Primrose 48835, A. R. 4001	2	1	15436.10	705.56	4.57
Dolly Dimple 19144, A. R. 628	2	2	14009.13	703.36	5.02
Golden Elsie 2d 33422, A. R. 2274	2	0	13409.00	672.94	5.02
Princess Deasie 36703, A. R. 2275	2	3	11943.10	666.22	5.58
Nellie Tostevin of Mapleton 3d 30318, A. R. 2121	2	4	11675.90	664.01	5.69
Imp. Bonnie of Anna Dean Farm 46953, A. R. 3195	2	4	12785.40	657.87	5.15
White Wing of Edgewater 38489, A. R. 3504	2	5	13538.50	653.14	4.83
Langwater Princess 22138, A. R. 1044	2	4	12280.50	651.19	5.30

AVERAGE YIELD OF 70 CLASS LEADERS 14544.41 LBS. MILK; 763.36 LBS. BUTTER FAT.

The above is as they appeared Sept. 1, 1916.

Summary of 5135 Advanced Register Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	1516	10170.67	499.89	4.914
Class B	282	9669.88	481.74	4.914
Class C	393	9229.99	462.29	5.008
Class D	410	8974.04	451.46	5.030
Class E	516	8335.30	421.78	5.060
Class F	639	8046.78	407.07	5.058
Class G	1379	7664.36	383.48	5.003
Av. for	5135	8853.84	441.49	4.986

Milk Production

Best Year's Record 24008 lbs.

Av. Ten Largest Records 19086.66 lbs.

Butter Fat Production

Best Year's Record: 1098.18 lbs.

Av. Ten Largest Records, 963.60 lbs.

Largest record for which certificate has been written since last issue of Journal Cayuga Belle 29774 A. R. 1962, Re-entry: 14129.90 lbs. milk. 664.49 lbs. butter fat.

The Advanced Register of Guernsey Cattle

SPECIAL NOTE This list contains the latest credits and totals for the several cows entered in The Advanced Registry work so far as same had been checked up and verified at the time the list is put to press.
Any omissions or back credits given signify that either data has not been received in time, or was held up pending verification. In such instances they will appear in next list published.

Name and Number.	Class.	Days.	Month.	Month Credit. Milk. Lbs.	% Fat.	B. Fat. Lbs.	Total Credit. Milk. Lbs.	B. Fat. Lbs.
These records are all made on the two day test basis except where especially noted.								
Ames, John S., North Easton, Mass.								
Easton's Milkmaid 54755	G	103	July	886.50	5.16	45.74	2797.10	141.96
Minnie Sterling 48732	G	335	July	748.90	5.21	39.02	10328.00	484.30
Anderson, Alfred, Holton, Mich. 1 day test.								
Agnes Johnson 37463	B	103	July	821.40	4.31	35.40	3148.50	119.91
Dictator's Lassie of Bonny Lea Farm 58558	G	283	July	692.00	4.34	30.03	6717.30	297.94
Myrtle of Bonny Lea Farm 58559	G	103	July	772.50	4.75	36.69	3009.80	134.78
Rubella of Grand Curve 47133	D	249	July	660.30	4.63	30.57	5763.30	264.23
Baker, Elbert H., Gates Mill, Ohio.								
Imp. Golden Wish 35248	A	107	July	1234.00	3.85	47.51	4678.00	184.80
Leonora of Keewaydin 43747	F	260	July	717.70	3.98	28.56	7159.30	312.70
Souvenir's Beatrice of Keewaydin 45734	F	224	July	696.90	4.58	31.92	5050.40	241.87
Benham, F. G., Canandaigua, N. Y.								
Clarissa of Evanmar 39052	C	92	May	1093.30	3.33	36.41	3223.80	111.73
Imp. Dolly of Rondibosch 39578	A	100	May	991.70	4.33	42.94	3312.70	148.38
Imp. Jane of les Bordages 51802	D	79	May	1100.20	3.68	40.49	2774.40	105.92
Jessie of Canandaigua 46222	F	347	May	798.70	5.12	40.89	9520.80	492.67
Imp. Lady Hester III. 51803	D	60	May	1121.00	4.37	48.99	2207.10	94.82
Imp. Lucy of the Courtils 35493	A	100	May	1046.50	4.41	46.15	3442.60	170.78
Miss Golden of Edgewater 42888	D	52	May	997.60	3.81	38.01	1654.50	73.94
Miss Jan of Edgewater 49206	F	69	May	1109.10	4.15	46.03	2329.40	93.17
My Lady Lida of Cherrydale 39743	C	87	May	1114.00	4.09	45.56	2995.90	126.27
Imp. Rosette of the Bailloterie 50316	F	353	May	738.80	4.37	32.29	9279.80	402.10
Truelove of Evanmar 39051	D	331	May	569.70	4.19	23.87	7629.30	334.06
Blandy, I. C., Greenwich, N. Y.								
Follyland Nancy 52457	G	112	July	1078.70	5.37	57.93	4036.00	196.33
Langwater Nancy 27943	A	366	July	778.40	5.06	39.39	16003.60	862.44
Imp. The Fairie Queene II. 41614	A	182	July	839.60	4.74	39.80	5527.70	268.51
Boswell, H. E., Burkeville, Va. 1 day test.								
Valentina 26346	A	6	Dec.	143.70	5.44	7.82		
		37	Jan.	766.70	5.44	41.71		
		66	Feb.	628.70	5.34	33.57		
		97	Mar.	600.80	6.10	36.65		
		127	Apr.	601.70	5.80	34.90		
		158	May	565.50	7.34	41.51		
		188	June	558.70	5.94	33.19	3865.80	229.35
Boswell & Ingham, Burkeville, Va. 1 day test.								
Imp. Croupette of Oak Ridge 47972	E	4	Mar.	116.70	5.60	6.54		
		34	Apr.	965.60	4.21	40.65		
		65	May	854.00	5.14	43.90		
		95	June	698.70	4.85	33.89	2635.00	124.98
Glenwood's Fleurie of Oak Ridge 47647	G	13	Jan.	338,80	4.65	15.75		
		42	Feb.	774.00	4.65	35.99		
		73	Mar.	748.60	4.84	36.23		
		103	Apr.	634.70	4.80	30.47		
		134	May	568.10	4.80	27.27	3064.20	145.71

CALIFORNIA

Guernsey Heifer's Generous Product.

California has been making some famous dairy records the past year, and each breed has shared in these records that are fast bringing California into her own as a dairy state.

A very meritorious Guernsey record has been recently completed by Lois Valentine's Lad's Lassie 45066, a two year old heifer in the registered Guernsey herd owned by Elliott-Brant Rancho, Owensmouth, California. Under official test for one year she produced 10530.2 pounds of milk and 514.19 pounds of butter fat. It is of interest to note that this record is but .58 of a pound of fat below the exisiting Pacific Coast record for a two year old Guernsey, held by Ultra Deanie 38915, a daughter of the famous Guernsey sire, Ne Plus Ultra 15265.

Lois Valentine's Lad's Lassie 45066 is owned by the Elliott-Brant Rancho, Owensmouth, California, from where her milk is bottled and sold to a discriminating trade. The high butter fat content and delicious flavor of Guernsey milk make it command a much higher price than market milk, and the average price at Elliott-Brant Rancho is sixteen cents per quart wholesale, and some is sold for twenty cents per quart. At sixteen cents per quart the milk yielded by Lois Valentine's Lad's Lassie 45066 during her year of test brought $820.40. Her ration cost less than twenty-five cents per day, and her manure and calf which sold at a finefigure, more than paid for her share of the labor and overhead. Deducting $100 for her feed leaves a profit for the year of over $700 for this heifer.

These figures show that it is not always the tremendous flow of milk that brings the best results, but that the most profit is obtained from persistent milkers that produce a rich milk which demands the highest market price, and at an exceedingly low cost.

This is but one of the excellent production records held by the herd of persistent milking registered Guernseys owned by Elliott-Brant Rancho.

—Livestock and Dairy Journal.

COLORADO.

Guernseys in Colorado.

Clark E. Kitchen of The Elms, Rocky Ford, Colorado, writes as follows:

"We have seven pure bred Guernsey bulls in service in our vicinity, more than all other breeds combined and we are the last ones in the field.

I have placed all but two of them. I am going to have them out at the fair. I shall be glad to send you an account of how they do in the show. ring."

ILLINOIS.

Annual Country Fair at Lake Forest

On July 14th and 15th, the seventeenth annual Country Fair at Lake Forest, Illinois, was held at the Onwentsia Golf Club grounds.

In the live stock exhibit, there were herds of the various breeds of dairy cattle, horses, hogs, dogs, chickens, and all of the usual exhibits at such a fair.

In the Guernsey class cattle were entered by Meadow Farm owned by George Higginson, Jr., of Winnetka, Ill.; Thorn Hill Farm owned by August Ziesing, Deerfield, Ill.; Folly Farm owned by Reuben H. Donnelley, Lake Forest, Ill.; Ingleside Farm owned by Dr. Truman W. Brophy, Chicago, Ill.; and an exhibit by Granger Farwell of Lake Forest, Illinois.

Prizes were as follows:

Bulls two years and over

1. Pretoria's King of Midlothian 22641, Ingleside Farm.
2. Lady Chesterbrook's May King of Ingleside 23424, Ingleside Farm.
3. ————, Thorn Hill Farm.

Bulls one year and under two.

1. Primrose King of Ingleside 30723, Ingleside Farm.
2. Nantaska's King of Ingelside 36383, Ingleside Farm.
3. ————, Meadow Farm.

Bulls, six months and under one year.

1. Dolly's May King of Meadow Farm 34396, Meadow Farm.
2. ————, Thorn Hill Farm.
3. ————, Ingleside Farm.

Bulls under six months.

1. ————, Folly Farm.
2. Beauty's Triple Rose of Meadow Farm, Meadow Farm.
3. Fairy's Triple Rose of Meadow Farm, Meadow Farm.

Cows, two years and over.

1. Rose of Mixter Farm 45001, Meadow Farm.
2. Thirty Thousand Six Hundred Nineteen 30619, Meadow Farm.
3. ————, Meadow Farm.

Cows, one year and under two.

1. Ingleside Moyra 57019, Ingleside Farm.
2. Meadow Farm Famous 59988, Meadow Farm.
3. Meadow Farm Flower 57490, Meadow Farm.

Glenwood's Gemsey of Oak Ridge 47636	C	23	May	680.00	5.47	37.20		
Brown, H. J., Portland, Me.								
Colette Standish 48426	F	112	July	950.40	4.52	42.96	3688.30	180.81
Maxine Standish 31722	A	75	July	1098.10	4.29	47.11	2716.50	126.73
Mirona Marshall 36792	B	106	July	887.90	4.93	43.77	3387.80	168.46
Pauline Standish 33533	A	91	July	1524.80	4.62	70.45	4595.00	217.21
Buzzell, Roy C., Stanley, Wis.								
Imp. Coggins VII. 43643	C	134	June	1210.90	4.78	57.88	5193.40	222.81
Woodland Maid 27690	A	124	June	952.90	5.23	49.84	4047.40	196.32
Chalfant, William Jr., West Chester, Pa.								
Nwotllim Min 42017	E	366	July	332.00	5.44	18.06	8004.70	429.19
Clark, Glenn, Eau Claire, Mich.								
Eventide M. 25155	A	130	July	1095.10	4.65	50.92	5375.30	275.09
Golden Noontime 25093	A	31	July	1212.50	5.30	64.26		
Linda of Hickory Grove 41658	D	115	July	670.20	5.41	36.26	3191.10	156.24
Maggie of Hickory Grove 41656	D	66	July	919.70	4.30	39.55	2017.80	97.09
Nina of Hickory Grove 50618	G	120	July	765.40	4.84	37.05	3388.60	168.97
Nora of Hickory Grove 41657	D	66	July	919.00	4.56	41.91	2066.10	113.49
Princess of Hickory Grove 42794	E	192	July	699.90	5.02	35.13	5885.40	268.63
Shilotta Maid's Pearl 32727	A	126	June	1016.80	5.53	56.23		
		157	July	933.80	5.83	54.44	5335.50	305.66
Cleveland, Charles D., Eatontown, N. J.								
Alphea of Pinehurst 2d 29722	A	220	July	1232.40	5.60	69.01	9636.60	511.01
Imp. Duke's Daisy of the Isle 53783	C	92	July	1311.20	4.34	56.91	4156.50	176.56
Jason's Enchantress of Upper Freehold 52625	A	320	July	969.50	5.68	55.07	11967.00	691.51
Clow, Fred C., New Lisbon, Wis. 1 day test.								
Rose Elsa 44867	G	366	June	309.90	5.04	15.62	6355.40	314.84
Cluett, G. A., Williamstown, Mass. 1 day test.								
Green Meadow Moss Rose 50160	G	69	July	957.90	4.29	41.09	2127.90	91.29
Green Meadow Velvet 45686	E	87	July	759.00	4.61	34.99	2285.70	107.81
Countiss, Frederick D., Lake Geneva, Wis.								
Esther Granger of Bon Ayre 49079	F	61	July	581.20	4.77	27.72	1089.10	52.35
Flora Bates 47134	F	201	July	662.00	4.11	27.21	5070.90	206.87
Glenwood's Lynette of Atson 53822	G	122	July	570.70	4.58	26.14	2202.80	97.48
Jennie Bates 38307	C	201	July	771.40	4.82	37.18	6491.80	304.60
Louise Glenwood of Walter Maple 53512	G	122	July	618.30	4.76	29.43	2442.20	110.85
Craft, Harvey C., Glen Cove, N. Y. 1 day test.								
Imp. Follatte 2d 53970	D	213	July	619.00	4.81	29.77	5652.10	261.86
Imp. Rosemary du Grand Belle 44581	B	312	July	423.30	5.57	23.58	7271.63	367.48
Imp. Rosemary of Matinecock 45647	G	335	July	596.20	4.68	27.90	7881.90	374.47
Dahl, N. C., South Haven, Mich.								
Lenore Glenwood of Jericho 44167	F	342	July	549.30	5.18	28.45	7344.30	386.72
Lura Glenwood of Jericho 44166	F	305	July	624.80	4.47	27.93	8424.60	420.49
Davis, J. Harry, Williamsfield, Ohio. 1 day test.								
Buttercup of Waveland 44385	E	133	Apr.	673.20	5.61	37.77		
		164	May	768.10	5.21	40.02		
		194	June	723.10	5.39	38.98	4792.30	248.38
Duke's Daisy of Hillside 39492	A	12	Mar.	336.20	5.16	17.35		
		42	Apr.	781.20	5.16	40.31		
		73	May	931.80	5.25	48.92		
		103	June	861.90	4.75	40.94	2911.10	147.52
Donnelley, Reuben H., Chicago, Ill.								
Doris of Sarnia 49019	G	210	June	538.70	5.49	29.57	4097.00	197.23
Imp. Lea of Sarnia 40242	A	138	June	512.00	4.90	25.09		
		169	July	359.00	4.03	14.47	3853.00	155.93
Douglas, W. B., Ferndale, Wash.								
Dream of Hope Farm 41264	D	174	July	860.60	4.91	42.26	6130.90	248.44
Duenota 3d 31464	A	30	June	1511.00	4.25	64.22		
		61	July	1375.60	4.72	64.93	2886.60	129.15
Granalta L. 2d 31465	A	116	July	942.20	4.63	43.62	4137.90	181.88

Ebels, John, Holland, Mich.								
1 day test.								
Bess of Butternut Hill 48671	G	335	July	429.00	5.10	21.88	4631.50	218.96
Dora Bess 29414	A	311	July	307.90	5.00	15.40	6428.60	306.77
Hilma's Dot 29028	A	231	July	878.10	5.13	45.05	7155.30	317.84
Lady of Butternut Hill 39297	C	235	July	780.60	4.85	37.86	6291.60	300.62
Lawton's Lady Lu 29027	A	141	July	973.00	4.76	46.31	5372.80	238.82
Lizette of Butternut Hill 44378	F	321	July	632.20	4.92	31.10	6631.40	305.93
Imp. Lizette III. of the Hall 28263	A	119	July	954.10	3.85	36.73	3669.00	153.74
Nancy of Lyndon Heights 2nd 24852	A	335	July	657.40	4.84	31.82	7847.50	355.64
Nellie of Butternut Hill 48673	G	92	July	745.20	3.80	28.32	2304.90	92.54
Queen of Butternut Hill 48672	G	168	July	696.80	4.11	28.64	3460.90	151.86
Rose of Butternut Hill 42361	E	270	July	582.10	4.59	26.72	5847.80	259.12
Rude 2d 29025	A	206	July	821.80	5.86	48.16	5880.90	340.92
Fisher, D. K. Este Jr., Baltimore. Md.								
Cowslip of Cedartop 31141	A	242	July	812.30	4.86	39.48	7112.40	352.91
Gable, William F., Wyebrooke, Penn.								
Amelia of New Castle 37866	B	144	July	1002.40	4.41	44.21	5185.00	225.25
Amie of New Cast e 37198	A	181	July	1173.50	4.37	51.28	8180.20	357.45
Arabe a of New Castle 37192	A	355	July	438.70	6.35	27.86	8832.80	476.13
Begalore's Beauty 23669	A	359	July	498.00	5.49	27.34	11832.30	550.03
Begalore's Bessy 32216	A	180	July	1136.00	4.40	49.98	7366.00	299.86
Cherry Lass 24756	A	317	June	678.70	4.58	31.08		
		348	July	575.30	5.02	28.88	9424.50	474.79
G en Gab e Day ight 40805	C	10	June	397.80	3.90	15.51		
		41	July	1204.50	3.90	46.98	1602.30	62.49
G en Gable Galore 30219	A	269	July	1005.60	4.66	46.86	11329.80	514.91
G en Gable Genevieve 36958	B	244	July	876.50	4.96	43.47	8038.00	406.40
G en Gable Georgiana 33149	A	178	July	749.40	4.77	35.75	5576.30	271.86
G en Gable Granny 21867	A	305	July	868.80	4.89	42.48	9470.20	547.82
G en Gable Grenadine 42832	E	284	July	634.00	5.75	36.46	7084.60	400.18
Glen Gable Gretchen 31359	A	111	July	1131.70	4.47	50.59	4556.00	186.50
Minnie Anchora 21634	A	217	July	641.60	5.04	32.34	6685.40	337.47
Summerland 26066	A	190	July	848.40	4.04	34.28	6283.30	242.43
Susie of Homestead 17846	A	227	July	449.90	4.95	22.27	5176.90	296.04
Gordon, L. E. Jr., Nelsonville, Wis.								
Lady Jessie of Nelsonville 29989	A	366	Apr.	129.50	5.83	7.55	12526.40	637.62
Hart, H. Stillson, Barrington, Ill.								
Armine's Pride 40885	C	82	June	807.90	4.52	36.52	2348.60	113.75
Henrietta's Glory 39143	C	83	June	812.90	4.28	34.79	2547.60	111.59
Luda of Hillstead 44407	F	251	May	748.40	4.53	33.90		
		281	June	757.80	4.27	32.37	7383.10	324.06
Miss Flossie of Park Farm 42865	E	278	June	740.90	4.47	33.12	8808.60	376.31
Haskell, J. Amory, Red Bank, N. J.								
Florham Ivy 49031	F	135	July	964.50	4.53	43.69	4619.20	203.29
Imp. Ivy II. of Bickleigh 36331	A	230	May	812.95	4.57	37.15		
		260	June	729.50	4.70	36.29		
		291	July	590.00	6.22	36.70	8646.60	390.07
Lactea of Oak Hill 36402	A	105	July	922.00	4.77	43.98	3911.40	176.90
Lavinia of Oak Hill 36400	A	5	May	234.10	4.46	10.44		
		35	June	1741.70	4.44	77.33		
		66	July	1613.30	4.22	68.08	3589.10	155.85
Newtown Maid of Oak Hill 38953	C	117	July	1006.70	4.93	49.63	4347.30	222.31
Imp. Rose V. of Bickleigh 51220	G	223	July	845.10	4.62	39.04	6986.60	319.97
Hatt, A. & Son, Napoleon, Mich.								
Bonnie Cleopatra 51406	D	179	May	502.10	5.77	28.97		
		209	June	489.50	5.51	26.97		
		240	July	433.90	5.25	22.78	4497.90	230.59
Bonnie Opal 51407	G	158	May	415.50	4.74	19.69		
		188	June	411.00	4.88	20.06		
		219	July	328.70	5.68	18.67	2818.10	143.71
Helendale Farms, Milwaukee, Wis.								
Lady Rigolette 41923	D	79	July	970.60	4.09	39.70	2487.10	114.01
Monhegan's Lady Roberts 37104	A	79	July	1044.80	3.97	41.48	2546.60	107.56
Second Belle 39972	C	154	July	758.90	5.75	43.64	4218.90	223.77
Tekla Rose 48146	F	73	July	815.10	4.36	35.54	1969.30	94.18
Higginson, George Jr., Winnetka, Ill.								
Gipinda 2d 29503	A	114	May	1404.00	4.13	57.99		

Heifers six months and under one year.

1. Ingleside Little Dawn, Ingleside Farm.
2. Rose's Model of Meadow Farm 65212, Meadow Farm.
3. ————, Thorn Hill Farm.

Calf under six months.

1. Ingleside Little Alice, Ingleside Farm.
2. ————, Folly Farm.
3. Ingleside Polly Vrangue, Ingleside Farm.

This fair is held annually and it is the desire of the officers and promoters to make the exhibits another year much larger and consequently more interesting. The exhibit, however, was held a little earlier in the season than was desirable, and so interfered with the farmers' work.

—TRUMAN W. BROPHY.

INDIANA

Indiana Guernsey Breeders' Association.

GUERNSEY BREEDERS' JOURNAL:

About two hundred breeders and friends of the Guernsey cow met at the Springbrook Park at South Bend, Indiana, on August tenth. The forenoon was devoted to an inspection of the various herds around South Bend. Breeders from a distance were very much surprised to see such a large number of high grade stock in St. Joseph county. At noon everybody enjoyed a basket dinner furnished by the ladies. The speakers for the afternoon were Prof. F. W. Merrill of the De Laval Separator Company, Chicago, Illinois; J. S. Bordner, county agent of St. Joseph county, Indiana; C. R. George of the Dairy Extension Department of Purdue University, and P. H. Crane, president of the Indiana Guernsey Breeder's Association.

Each one in attendance received a great amount of enthusiasm and we feel that, as a result of this meeting, the Guernsey Cow was more firmly established in Indiana. A vote of thanks was given to County Agent J. S. Bordner and our other friends in St. Joseph county who so ably assisted in making the picnic a success. Those who were present at this summer picnic are also planning to be present at our annual meeting at Purdue next January.

At our South Bend meeting it was decided that the Executive Committee should meet some time in September, at Indianapolis, to consider the various legislative problems which will be presented at our annual meeting next winter. Owing to various rea-

BREEDERS' EXCHANGE

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Biscoe Farm Guernseys

Records of each animal, or the Dam of each animal exhibited.

HOWARD B. TUTTLE,

Naugatuck, - - Connecticut

sons, we have decided not to have a display at the state fair, but we do want to put all the emphasis we can on our annual meeting which will be held at Purdue next January.

—W. MONROE SCHLOSSER, Sec'y.

Awards at the Indiana State Fair.

Bull, 3 years old or over.

1. Raymond of the Preel XIV 21926. W. Henry Bell & Son, Scott's Station, Kentucky.

Senior Bull Calf.

1. Nathan of Oakwood 38245. W. Henry Bell & Son.
2. Frank of Oakwood 36684. W. Henry Bell & Son.
3. Magnet's Raymond of Oakwood 37027. W. Henry Bell & Son.

Junior Bull Calf.

1. Fanny's Lad of Oakwood. W. Henry Bell & Son.

Cow, 4 years old or over.

1. Daisy of Waddington 24555. W. Henry Bell & Son.

Heifer, 2 years old and under 3.

1. Coronation Belle 52876. W. Henry Bell & Son.

Senior Yearling Heifer.

1. Mattie of Oakwood 64477. W. Henry Bell & Son.
2. Dairy Girl of Oakwood 56765. W. Henry Bell & Son.

		144	June	1317.10	3.87	50.97	6751.60	265.13
Rose of Mixter Farm 45001	B	160	May	1063.10	4.05	43.06		
		190	June	899.40	3.70	33.28	6911.50	275.70
White Beauty of Mixter Farm 45000	B	121	May	1457.90	4.54	66.19		
		151	June	1279.60	4.53	57.97	6941.70	299.80
Hills, E. E., Shrewsbury, Mass.								
Belle of Bayside 39154	D	265	July	631.10	5.42	34.21	6813.30	377.78
Blanche of Bayside 44383	E	17	June	439.30	5.17	22.71		
		48	July	801.30	5.17	41.43	1240.60	64.14
Carwytham Rosemary 41123	F	366	June	174.40	6.62	11.55	9082.20	490.24
Charity of Carwytham 53098	G	79	July	771.00	4.43	34.16	1985.00	87.49
Goldenrod of Bayside 34045	A	219	July	402.50	5.42	21.82	4512.40	230.48
Hillswold Mamie 53055	G	92	July	684.30	5.05	34.57	2122.60	96.95
Mona of Bayside 34044	A	65	July	881.60	4.55	40.11	1905.20	85.46
Pansy of Bayside 49324	G	208	July	747.80	4.46	33.35	5584.90	259.37
Primrose of Bayside 44907	F	366	June	213.50	5.11	10.91	10089.10	431.70
Hoard, A. R., Fort Atkinson, Wis.								
Blossom of Koshkonong Place 2d 42947	E	224	July	548.40	5.17	28.35	4555.40	243.38
Inez of Koshkonong Place 3d 46985	G	266	July	547.70	5.22	28.59	4926.70	264.33
Ione of Koshkonong Place 49898	G	86	July	622.80	4.65	28.96	1994.90	90.84
Imp. La Manselle of Koshkonong Place 35647	A	153	July	965.30	4.53	43.73	5818.80	254.34
Leah of Koshkonong Place 49899	G	115	July	601.50	4.56	27.43	2503.30	113.55
Mary of Koshkonong Place 43350	G	251	July	431.30	5.60	24.15	4028.20	229.96
Pet of Koshkonong Place 48653	G	224	July	559.40	5.37	30.04	4308.80	227.93
Romance of Koshkonong Place 48152	G	217	July	616.50	4.85	29.90	4705.50	225.81
Howe, Henry S., Holliston, Mass.								
Pinecrest May 41139	D	140	June	792.10	4.40	34.85	4139.30	179.59
Renier of Beaver Ridge 51902	G	91	June	741.90	4.21	31.23	2478.00	101.88
Robert's Merry Maid of Dellwood 48974	G	135	June	672.40	4.75	31.94	3176.40	145.00
Hughes, A. I. & J., Oregon City, Ore.								
Bonito Gypsy 44812	F	308	June	535.20	5.65	30.24	6259.40	319.96
Governor's Memorial Rose 45991	G	312	June	569.90	5.61	31.97	6310.10	322.04
Hutchins, F. S., Oregon City, Ore. 1 day test.								
Brookside Princess 30087	A	95	June	792.90	4.80	38.06	2804.10	131.30
Princess Bernice 52469	G	50	June	845.50	3.92	33.14	1428.20	54.70
Hyde, John S., Bath, Me.								
Fernway 43883	E	232	July	638.30	5.37	34.28	5801.90	298.81
Glenwood's Maggie of Maplehurst 2d 35140	A	232	July	659.20	5.22	34.41	5249.60	284.35
Queen Fay of Mixter Farm 44372	A	222	July	749.90	4.98	37.35	7547.50	364.58
Keenan, M. G., Oneonta, N. Y,								
Auricula's Golden Main Stay 46639	G	366	July	578.30	4.46	25.79	7955.00	368.66
Lovedale of Farview 47076	G	335	July	477.60	5.13	24.50	5627.60	307.52
Raymond's Fashion 43443	D	153	July	586.00	4.88	28.60	3563.10	181.17
Kellogg, Spencer, Derby, N. Y.								
Buttercup's Excelsa 54780	G	238	July	714.60	4.58	32.73	7112.80	301.42
Imp. Flossie of l'Etiennerie 26655	A	363	July	426.60	6.12	26.11	10258.30	557.18
Raymond's Amelia 46124	D	366	May	185.50	6.02	11.17	11327.70	571.17
Una Primae 54778	G	353	July	381.20	5.66	21.58	7349.60	377.85
Wagtail's Echo 54779	F	207	June	734.80	5.54	40.71		
		138	July	722.00	5.20	37.54	6384.30	346.43
Lehmann, O. W., Lake Villa, Ill.								
Billy's France's Honeymoon of Lewison 32491	A	254	June	829.90	4.25	35.27		
		285	July	709.70	4.29	30.45	9697.50	421.09
Dawn of Maple Lane 42050	B	91	June	678.40	4.61	31.27		
		122	July	466.10	4.97	23.17	2904.10	133.55
Imp. Jane of Ampthill 7th 41331	A	122	June	957.80	5.55	53.16		
		153	July	921.70	4.34	40.00	5296.00	261.29
Lizette of Arcady 33286	A	122	June	683.80	4.13	28.24		
		153	July	612.60	4.21	25.79	3663.80	147.67
Imp. Rose of les Prevosts II. 41624	B	122	June	1034.10	4.12	42.60		
		153	July	997.30	3.77	37.60	5505.30	233.53

Vashon France 41080	C	31	May	1112.50	4.82	53.62		
		61	June	921.30	4.31	39.71		
		92	July	831.80	3.96	32.94	2865.60	126.27
Lincoln, A. L., Norwell, Mass.								
Duchess of Manomet 45022	F	265	July	852.50	5.28	45.01	7778.50	394.19
Flossie of Ford Farm 26082	A	141	July	1017.20	5.60	56.96	5888.70	319.30
Nancy Bell of Canterbury 26463	A	244	July	912.00	5.58	50.89	8076.10	411.66
Queen of Brock Hill 51271	G	185	July	1001.60	4.20	42.07	6176.40	259.94
Ximesses M. 35845	B	323	July	1149.30	4.66	53.56	13741.60	650.82
Yosemite of Brock Hill 57710	G	353	July	991.40	4.79	47.49	12036.40	568.56
Lord, Charles E., Wells, Me. 1 day test.								
Christine's May Rose 48971	F	12	July	372.40	5.12	19.07		
Creusa of the Elms 2d 25818	A	82	June	1222.80	4.33	52.95		
		113	July	1074.90	5.15	55.36	4563.50	212.90
Piquintina of the Elms 37154	B	82	June	672.50	5.84	39.27	2664.20	146.73
Query of the Elms 25918	A	172	May	911.30	4.71	42.92		
		202	June	878.20	4.19	36.80		
		233	July	775.20	4.76	36.90	7678.10	342.28
Love, George W., Garrettsville, Ohio. 1 day test.								
Actress of Maplecrest 52733	D	268	July	771.00	5.44	41.94	8375.20	438.38
Fanny of Evergreen View Herd 27886	A	279	July	410.50	3.32	13.63	7571.50	320.45
Lady Belle of Maplecrest 59749	G	312	June	583.20	4.99	29.10		
		343	July	484.60	5.07	24.57	7575.40	336.95
Love, Paul, Garrettsville, Ohio. 1 day test.								
Venus of Nelcroft 39771	D	253	May	963.30	4.94	47.59		
		283	June	793.30	5.25	41.65		
		314	July	764.40	5.64	43.11	10428.40	522.33
Mackay, Clarence H., Roslyn, N. Y. 1 day test.								
Brunette of Harbor Hill 53909	C	187	July	1130.80	5.40	61.06	7037.80	368.79
Golden Masher's Lady 28012	A	212	July	1175.10	4.80	56.40	9129.60	415.53
Linden Girl 42762	B	307	July	951.10	5.33	50.69	12923.70	646.92
Linden Girl of Harbor Hill 2d 52836	C	185	July	1222.00	5.12	62.57	8722.40	419.68
Nivolette of Harbor Hill 52936	D	283	July	868.70	4.74	41.18	9976.30	444.61
March & McGrew, Dassel, Minn.								
Imp. Classic of Sarnia 46536	D	228	July	614.60	4.45	27.35	6306.80	258.21
Imp. Comma of Sarnia 46576	D	321	July	511.30	4.78	24.44	7705.00	373.78
Marsh, W. W., Waterloo, Iowa. 1 day test.								
Dairymaid's Alyssum 44988	F	259	July	687.90	5.14	35.36	6156.60	330.91
Dewdrop's Queen of the Prairie 57390	G	26	July	583.50	3.63	21.18		
Imp. Dora II. of les Marais 37737	A	182	July	1315.70	6.05	79.60	10518.80	537.32
Elberon of Iowa 43163	D	7	June	329.20	4.55	14.98		
		38	July	1315.50	4.55	59.86	1644.70	74.84
Imp. Figtree IV. 43648	D	327	July	688.30	5.27	36.27	10801.80	507.25
Fleurie Mar 43156	D	218	July	370.30	5.51	20.40	5116.20	270.19
Flora of Iowa 40446	C	133	July	755.50	5.38	40.65	4142.20	189.84
Imp. Flora V. of the Effards 52346	A	319	July	639.10	3.72	23.77	9020.50	364.19
Imp. Hayes Citron 3d 44981	D	97	July	942.80	5.25	49.50	1992.00	103.84
Imp. Hayes Felois 7th 53140	A	205	July	894.40	4.48	40.07	8162.80	366.21
Imp. Hayes Friquet 2d 44979	D	128	July	918.10	5.30	48.66	4219.70	195.80
Imp. Hayes Millie 2d 44977	D	167	July	1114.80	5.30	59.08	6676.20	316.97
Imp. Hayes Snowdrop 4th 44967	B	244	July	557.40	4.91	27.37	8001.10	356.95
Imp. Hayes Snowdrop 5th 44973	C	119	July	726.40	5.33	38.72	3168.80	152.23
Imp. Hayes Snowdrop 7th 53142	G	213	July	397.20	5.15	20.46	4070.50	204.32
Helene of Iowa 40447	D	167	July	835.60	5.21	43.53	5759.20	259.54
Imp. Itchen May Rose 6th 40319	B	366	July	209.10	5.17	10.81	13733.30	599.34
Imp. Jessamine of the Ponchez 52788	B	230	July	902.50	5.53	49.91	8600.80	440.41
Lillia of Iowa 43159	E	294	July	712.40	6.28	44.74	10381.80	561.50
Lillia of the Prairie 54722	G	72	July	681.90	4.31	29.39	1802.80	76.58
Imp. Maggie of Alderney 43919	B	274	July	529.80	5.87	31.10	8727.00	407.94
Mythop of Iowa 40985	C	153	July	455.90	4.87	22.20	3199.60	149.68
Imp. Polly of le Briquet 43669	C	117	July	962.80	6.33	60.95	4508.60	213.13
Pride's Jane of Iowa 62031	E	244	July	646.40	5.25	33.94	6550.80	347.20
Imp. Princess Bergere 33074	A	285	July	836.80	5.27	44.10	11151.80	499.66

Junior Yearling Heifer.

1. Jessie's Girl of Oakwood 58167. W. Henry Bell & Son.

2. Marie of Oakwood 58165. W. Henry Bell & Son.

Senior Heifer Calf.

1. Dandy Girl of Oakwood 62190. W. Henry Bell & Son.

2. Kitty's Girl of Oakwood 62188. W. Henry Bell & Son.

Champion Bull over 2 years old.

Imp. Raymond of the Preel XIV 21926.

Champion Bull under 2 years old.

Fanny's Lad of Oakwood.

Champion Cow over 2 years old.

Daisy of Waddington 24555.

Champion Heifer under 2 years old.

Mattie of Oakwood 64477.

Grand Champion Bull, any age.

Imp. Raymond of the Preel XIV 21926.

Grand Champion Cow or Heifer.

Mattie of Oakwood 64477.

Mr. Studebaker's Inspiring Example A Pioneer for Progress.

True to his consistent record of progress, J. M. Studebaker, honorary president of the Studebaker Corporation, although retired from active business, has entered upon the breeding of Guernseys with all his old-time energy and enthusiasm. In a recent letter he modestly admits that he has taken up Guernsey breeding as a "pastime" on his 300 acre South Bend, Indiana, farm, and that he "has it all to learn by piecemeal." Those who know Mr. Studebaker's methods will be inclined to believe that his learning anything new "as a pastime by piecemeal" betokens the same thorough mastery that has attended his grasp of all his enterprises.

Mr. Studebaker recently purchased his Guernsey herd nucleus from Charles L. Hill of Rosendale, Wisconsin, and with characteristic enthusiasm, has sought to stimulate the interest of his farmer friends by the distribution of "The Story of the Guernseys" among them. As an added educational exhibit Mr. Studebaker is erecting a model sanitary barn which he will equip and maintain as much for educational as for other purposes.

IOWA

Winnings of the Jean Du Luth Guernseys at Tri-State Fair, Burlington, Iowa, August 14, 1916.

First Prize and Senior Champion

Lisbon Guernsey Breeders' Association

WILL HOLD THEIR

2nd Annual Sale

ON

Lisbon Fair Grounds, Lisbon, Ohio

THURSDAY, OCTOBER 19, 1916

About 65 Head--Cows, Heifers

Heifer Calves

A few Bulls and Bull Calves

All of Popular Breeding and Individualty that will keep the sale up to our standard

Details will be announced in later issues

H. C. McCAMON, Sec.

LISBON, OHIO

STANNOX FARM

SHERBORN, MASS.

Post Office, East Holliston, Mass.

The Entire Herd Has Qualified

—FOR—

Advanced Register

AVERAGE RECORD—ALL AGES

BUTTER FAT 490 LBS. PERCENTAGE 5.27

MAY ROSE AND YEOMAN BLOOD

Two Young A. R. Cows and Bull Calf

For Sale

C. S. Houghton
Owner

P. F. Staples
Manager

on Starlight's Excelsior of Jean Du Luth 30157 (Age two years).

Second on May Rose Yeksa Starlight 33918.

First prize and Junior Champion on Marathon Rose King 37037.

First Prize on May Rose Noble of Jean Du Luth 38183, junior calf.

Cows.

First Prize and Senior Champion on Imp. May's Pride of Castel 40070.

First Prize on Coronet of Jean Du Luth 52816 (age two years).

First Prize on William's May Rose of Jean Du Luth 56836 (Senior Yearling).

First Prize on Julia's May Rose 66572 (senior calf).

First Prize on get of sire consisting of Starlight's Excelsior of Jean Du Luth 30157, Coronet of Jean Du Luth 52816, Marathon Rose King 37037, and William's May Rose 56836.

First Prize on young herd consisting of Marathon Rose King 37037, William's May Rose 56836, Lizette's May Rose 57497, Julia's May Rose 66572, and Gree's May Rose.

First Prize on calf herd consisting of Marathon Rose King 37037, Gree's May Rose and Julia's May Rose 66572.

First Prize on produce of cow

Imp. Robert's Boy's Grace Darling 52349	B	300	July	747.10	5.91	44.15	9852.60	539.24
Roehampton Deanie 3d 52364	G	28	July	640.90	5.30	33.97		
Imp. Roehampton Grace Darling 52366	G	56	July	739.30	4.07	30.09	1342.90	52.48
Imp. Roehampton Lily of the Preel 2d 52345	A	122	July	1081.20	4.03	43.57	5255.50	224.01
McBane, W. S., East Liverpool, Ohio. 1 day test.								
Chedda's Fanny of Overland View 54634	G	78	July	673.60	5.66	38.13	1888.50	90.13
Dorla of Overland View 41859	E	182	July	721.70	5.21	37.60	4633.00	265.38
Fancy of Overland View 37246	B	31	July	1123.60	3.75	42.14		
Sequel of Overland View 41857	D	153	July	765.60	4.36	33.38	4217.00	182.71
McKerrow, George & Sons Co., Pewaukee, Wis.								
Imp. Bordeaux of Courtil Bree 51983	G	296	June	751.50	5.83	43.81	7611.60	423.48
Fantine of Avondale 27860	A	31	May	1464.30	4.11	60.18		
		61	June	1570.20	3.78	59.35	3034.50	119.53
Imp. Governor's Ella of McKerrow Farms 53186	G	128	June	883.40	4.47	39.49	3873.50	159.80
Imp. Governor's Serenade 46418	C	182	Apr.	781.40	5.38	42.04		
		213	May	818.30	5.46	44.68		
		243	June	789.90	5.42	42.81	6680.70	362.91
Julia Ann's Pride 40153	D	254	June	707.00	6.25	44.19	8031.20	389.47
King Yeksa's Margaret 32912	A	19	May	726.30	3.39	24.62		
		49	June	1143.70	3.39	38.77	1870.00	63.39
Lady Lishman 27756	A	176	June	1332.90	4.41	58.78	8166.90	397.09
Lady Mildred 27050	A	30	June	1375.90	3.49	48.02		
Imp. McKerrow's Betsey of Lilyvale 55357	E	144	June	853.60	4.72	40.29	4128.30	174.86
Imp. McKerrow's Bijou 53173	D	83	June	1531.00	4.15	63.54	4154.30	166.44
Imp. McKerrow's Northern Lady 53172	D	176	June	1092.80	4.34	47.43	5820.80	258.53

Imp. McKerrow's Olinda 53179	D	29	May	846.70	4.09	34.63		
		59	June	979.20	4.25	41.62	1825.90	76.25
Imp. Noble's Tilley 51979	G	274	Apr.	632.80	5.06	32.02		
		305	May	695.90	5.13	35.70		
		335	June	667.20	5.47	36.50	8399.60	420.61
Imp. Sunrise of Primrose Farm 51975	F	228	June	875.10	4.55	39.82	6434.00	331.14
McLane, Miss Kate, Baltimore, Md.								
Prue of Bohemia 47658	F	302	July	757.30	5.38	40.74	7955.10	431.95
Meagher County Farm, White Sulphur Springs, Mont.								
Alliance 33994	A	227	June	916.20	5.23	47.92		
		258	July	819.60	5.26	43.11	7860.20	411.39
Merryman, Louis McLean, Cockeysville, Md.								
Clare of Gerar 49122	G	298	July	892.70	4.81	42.94	9370.40	420.96
Cora of Gerar 48309	G	308	July	916.70	5.09	46.66	10125.30	481.84
Golden Lad's Dame 43855	E	256	July	752.70	5.06	38.09	6463.30	330.58
Laura of Willow Brook 50399	G	189	July	837.70	4.91	41.13	5566.90	294.67
May Queen of Gerar 53662	G	67	July	760.10	4.49	34.13	1656.20	76.78
Imp. Rose II. du Coin des Ecailles 53803	F	366	July	177.80	4.78	8.50	8723.90	371.76
Sally Fisher 26168	A	351	July	345.70	5.11	17.67	10993.80	493.39
Sara of Gerar 49121	G	366	July	369.70	4.80	17.75	8826.70	397.13
Minnesota, The University of, St. Paul, Minn.								
Miss Nancy of Canterbury 26465	A	105	July	1333.00	4.07	54.25	4892.80	199.33
Imp. Victorina of Sarnia 35669	A	114	July	1151.50	4.70	54.12	4753.20	224.40
Mitchell, Ben B., Troy, Penn.								
Imp. Ladock Rose of Gold 53969	D	153	July	890.90	5.17	46.06	4709.40	233.88
Imp. Polly des Prevosts II. 49077	D	182	July	777.70	5.16	40.13	4692.20	249.41
Imp. Satellete of Dixcart 49076	D	182	July	839.30.	4.95	41.55	5627.50	277.03
Imp. Snowdrop of Melrose 53790	D	137	July	757.10	5.14	38.91	3861.60	207.23
Imp. Trewidden Marigold 54008	E	138	July	602.30	4.88	29.39	3328.50	161.37
Mixter, Est. George, Hardwick, Mass.								
Annaretta of Mixter Farm 47061	A	30	June	1453.20	4.22	48.67		
		61	July	999.60	4.38	43.78	2452.80	92.45
Chief's Frieda 54265	D	30	July	1177.10	4.46	52.50		
Duchess Pauline 47058	A	30	June	1173.90	4.00	46.96		
		61	July	975.80	4.43	43.23	2149.70	90.19
Duke's Fairy 48390	C	223	July	782.70	5.46	42.74	7309.10	374.08
Duke's Gipsy 44027	A	4	June	136.90	4.70	6.43		
		35	July	1079.10	4.70	50.72	1216.00	57.15
Grace of Mixter Farm 47064	B	344	July	337.40	6.92	23.35	8365.20	467.79
Hardwick Gemina 47055	A	30	June	1021.30	4.77	48.72		
		61	July	928.50	4.83	44.85	1949.80	93.57
Helen of Mixter Farm 38350	A	24	June	860.50	4.75	40.87		
		55	July	865.90	4.54	39.31	1726.40	80.18
Mixter Anne 48394	B	30	June	1111.80	4.65	51.70		
		61	July	839.90	4.78	40.15	1951.70	91.85
Mixter Acorn 58053	G	186	July	559.70	5.25	29.38	4312.00	218.35
Mixter Belle 58034	F	335	July	465.60	6.06	28.22	6403.80	348.01
Mixter Bluebird 48396	B	4	June	107.40	4.16	4.47		
		35	July	1022.20	4.16	42.52	1129.60	46.99
Mixter Faith 48711	C	124	July	1035.20	5.06	52.38	4698.20	222.06
Mixter Gelenina 48391	B	182	July	671.20	5.86	39.33	5953.10	272.34
Mixter Germania 48392	C	243	July	564.10	5.37	30.29	6529.30	326.91
Mixter Grace 48415	B	18	June	623.20	4.70	29.29		
		49	July	993.10	4.40	43.70	1616.30	72.99
Mixter Helen 58040	F	346	July	561.10	6.18	34.68	7401.30	417.89
Mixter Lara 58058	G	192	July	653.10	4.13	26.23	5435.40	246.56
Nobska Fay of Mixter Farm 46363	B	205	July	737.90	5.75	42.43	6673.60	344.13
Picotte's Select of Mixter Farm 47068	A	166	July	951.90	5.15	49.02	6320.90	278.59
Sally Hardtack 47062	A	20	July	540.20	4.24	22.90		
Thirty Thousand Six Hundred Ten 30610	A	221	July	711.00	4.69	33.35	7511.30	318.12
Thirty Thousand Six Hundred Fifty 30650	A	327	July	1125.60	5.62	63.26	14791.30	784.58
Thirty Thousand Six Hundred Seventy 30671	A	341	July	547.10	5.49	30.04	9521.30	463.92
Thirty Thousand Eight Hundred Eleven 30811	A	30	June	1148.50	4.53	52.03		
		61	July	1030.00	4.69	48.31	2178.50	100.34

consisting of William's May Rose of Jean Du Luth 56836 and Julia's May Rose 66572.

First Prize of the get of May King of Linda Vista 17946 unbeaten at ten fairs.

Starlight's Excelsior of Jean Du Luth 30157 now ten times champion.

Grand Champion Cow, Imp. May's Pride of Castel 40070.

Grand Champion Bull, Marathon Rose King 37037.

Information by Telegraph..

Iowa Guernsey Breeders Re-organize.

Twenty-six enthusiastic Iowa Guernsey breeders gathered in the Administration Building of the Iowa State Fair on the evening of August 29th, to discuss the re-organization of the Iowa State Guernsey Breeders' Association. The organization fell into decline during the Foot and Mouth Disease epidemic and the need for its revival has been very keenly felt by all the Guernsey breeders in the state.

The meeting was called to order by President C. W. Wilcox of Des Moines who spoke on the history of the Club, its present status, and the desirability for its re-organization. He was fo.-lowed by the Secretary and Treasurer, F. L. Kerr of Manilla, Iowa, who proposed a plan for its re-organization, and spoke at length upon the benefits of a local organization and some of the activities which would be desirable for the Iowa Association. The vice-president, John G. Thomsen of Exira, spoke briefly and effectively along similar lines.

There was then, a general discussion by the breeders present regarding the plans for re-organization, the matter of cooperative advertising and buying, the preparation of sales lists and other fields of activity for the Club. Among those who took a prominent part in the discussion were Grant M. Enlow, of Fairfield, Iowa, L. C. Gourley of Villisca, Hans J. Schmidt of Cedar Falls, H. E. Wimer of Blencoe, F. M. Buck of Wuakee, and Albert L. Hyzer of Storm Lake.

It was decided that the annual business meeting of the Club should be held at Ames during the winter, and preferably during the week of the Dairy Extension School. It was unanimously voted that the present officers continue until that time.

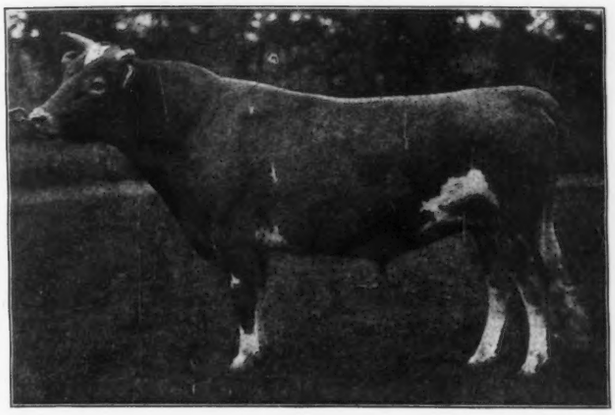
F. B. Hills, representing the publicity department of THE AMERICAN GUERNSEY CATTLE CLUB spoke upon the growth of the work of the CLUB, the continually increasing demand for Guernseys, the work of the Ad-

THORN HILL FARM

AUGUST ZIESING, 208 So. La Salle St., Chicago, Ill.

Nothing but **PURE BRED GUERNSEYS** on farm for over seven years.

HERD BULLS



Victor of Pencoyd 18901.

Victor of Pencoyd 18901

Imp. Golden Secret 12599, A. R.

Jessie of Maple Lane 23457, A. R. 1706; 12304.5 lbs. milk; 595.2 lbs. fat.

Dairymaid's Rouge of Iowa 24845

Dairymaid's Pride of Iowa 14941 A. R.

Imp. Rouge III of the Brickfield 28376, A. R. 2000; 12454.1 lbs. milk; 632.8 lbs. fat.

Thorn Hill Farm is only 20 miles north of Chicago and one mile from Deerfield station on the C. M. & St. P. Ry.

Visitors are invited. We have always on hand a number of bulls of different ages from high producing A. R. Dams. Write for pedigrees and further information.

ALEX W. BREBNER, Supt., Deerfield, Ill.

vanced Register, the re-organization of the GUERNSEY BREEDERS' JOURNAL and the plans for the publicity and advertising work of the CLUB.

There was a strong sentiment among the breeders present, for increasing the value of the local club and keeping it active and alive, not only for the benefit of its members, but for the welfare of the breed as a whole. There is a strong feeling among the members for cooperative endeavor toward this end, and there is no doubt but that this organization which was so severely injured by the Foot and Mouth epidemic, will now prosper and become a force for the uplift of the breed, especially in Iowa, Kansas and Nebraska.

MAINE

Administrator's Sale of Guernseys.

BY ESTATE OF THE LATE DR. ALFRED KING, PORTLAND, MAINE.

Pursuant to the various announcements duly made, the administrator's sale of the late Dr. Alfred King's Guernsey herd at Kingdale Farm was held at South Paris, Maine, August 22, 1916, under the direction of sale manager H. M. Tucker. This herd, as will appear, contained a number

Yeoman's Mixter Anne 58064	G	188	July	631.30	5.88	37.12	5215.20	267.94
Yeoman's Mixter Belle 62946	G	110	July	712.50	5.65	40.26	2954.90	157.69
Yeoman's Mixter Doris 58052	G	350	July	511.70	6.05	30.96	7133.60	408.48
Yeoman's Mixter Fay 58065	G	182	July	638.80	5.76	36.79	4858.00	258.43
Yeoman's Mixter Lady 58057	G	257	July	568.40	4.99	28.36	6591.50	327.90
Yeoman's Mixter Maid 58054	G	316	July	590.10	6.21	36.65	6829.50	385.73
Yeoman's Mixter Moonbeam 58069	G	323	July	415.60	6.13	25.48	5981.60	344.75
Yeoman's Mixter Nun 62949	G	23	July	603.60	4.97	30.00		
Yeoman's Mixter Queen 58059	G	132	July	644.80	5.39	34.75	3656.80	195.69
Murphy, Maud W., Wawa, Pa.								
Queen of Glenhurst 36874	C	366	July	393.90	6.86	27.02	10482.90	572.91
Murphy, R. G., & M. G. Gockerell, Painesville, Ohio.								
Edith of Darlington 59483	G	73	July	1058.80	4.21	44.58	2415.60	102.79
Susan's Glint o'Gold 52793	G	77	July	1040.10	4.92	51.17	2580.70	121.11
Nissley, S. R., Manheim, Pa. 1 day test.								
Begalore's Rosebud 63265	G	182	July	821.10	4.92	40.40	5489.00	251.09
Lark of Brookdale 38125	A	112	July	1368.30	4.21	57.61	5659.60	281.73
Prince's Lady 63860	G	118	July	779.10	5.01	39.03	3322.80	160.67
North Dakota Agricultural College, Fargo, N. D.								
Yeksaproud 36115	B	261	July	637.50	5.48	34.94	7012.30	385.75
Oglebay, E. W., Wheeling, West Virginia.								
Dairymaid's Glenwood's Primrose 52168	G	25	July	716.90	3.87	27.74		
Imp. Fancy's Princess of St. Saviour's 60603	G	303	July	598.90	5.16	30.90	7907.40	333.57
Pride's Dawn of Waddington 48112	G	305	July	572.80	4.72	27.04	6854.50	358.06
Raider's Daisy of Waddington 51412	G	76	July	794.50	4.57	36.31	1986.50	92.22
Raider's Dorothy of Waddington 48107	G	282	July	802.00	4.67	37.45	7576.40	353.62
Raider's Lily of Waddington 48109	F	132	July	918.00	4.92	45.17	4107.60	198.88

Raider's Retta of Waddington 51409	G	141	July	772.60	4.60	35.54	3728.90	168.99
Raider's Rose of Waddington 48269	G	153	July	844.80	4.82	40.72	4390.90	216.05
Imp. Rose of Gold 5th 45937	B	21	June	786.30	4.82	37.90		
		52	July	1122.50	4.69	52.65	1908.80	90.55
Imp. Rushington Ivy 5th 47738	A	105	July	1062.30	4.02	42.70	4083.00	183.37
Payne, Edgar S., Penn Yan, N. Y. 1 day test.								
Carolotta of Sunnyside 26513	A	92	July	864.30	3.36	29.04	3065.50	130.50
Jessica of Sunnyside 26517	A	213	July	839.30	4.18	35.08	6038.60	298.04
Violet of Pine Ridge 57526	G	213	July	651.30	4.62	30.09	4614.50	248.47
Pearson, Est. H. H. Jr., Claiborne, Md.								
Bloomfield Pandora 20760	A	232	July	1190.70	5.33	63.46	10074.70	536.44
Columbine of Rich Neck 36827	B	202	July	987.00	5.69	56.16	7412.90	400.57
Columbine of Rich Neck 2d 49307	G	199	July	890.80	5.50	48.99	6402.30	355.89
Imp. France XVIII's Daughter 25001	A	254	July	1154.60	4.46	51.50	10277.90	474.23
Heartsease of Rich Neck 2nd 49308	G	280	July	685.60	6.44	44.15	6631.70	411.37
Heliotrope of Rich Neck 42114	D	77	July	1012.00	5.95	60.21	2523.50	145.00
Hyacinth of Rich Neck 41116	D	153	July	971.20	4.97	48.27	5495.50	270.36
Phillips, M. T., Pomeroy, Pa.								
Gerar Pearl 23595	A	308	July	992.90	4.35	43.19	11244.90	533.41
Hope of Pomeroy 38174	B	157	July	1127.80	4.66	52.56	7143.50	331.85
Manoa's Butterwitch 34611	B	366	July	162.60	5.69	9.25	7525.90	358.16
Pearl of Pomeroy 40325	D	276	July	1018.00	4.86	49.47	9792.20	497.38
Royal's Pretty Pearl 50085	G	76	July	951.00	4.02	38.23	2324.10	93.84
Royal's Toma 48830	G	288	July	661.30	5.06	33.46	7825.80	372.35
Post, Otto W., Ensenore, N. Y. 1 day test.								
Enola Bay 2d 53130	G	31	July	796.20	4.00	31.85		
Helen of Owasco Lake 36801	B	289	July	938.80	4.84	45.44	9758.20	475.55
Hestia Bay 41187	E	304	July	687.10	5.40	37.10	7579.60	422.66
Lizetta's Ruth 27803	A	181	July	1099.60	4.93	54.21	7874.30	363.78
May Bay 41189	E	288	July	558.60	5.20	29.05	6200.30	326.58
Old Faithful's Sibylla 47763	G	261	July	767.30	5.15	29.52	6775.30	321.54
Redina 3d 41190	E	274	July	710.50	5.10	36.24	7455.10	349.42
Ruth of Owasco Lake 36800	B	244	July	1060.50	4.24	44.97	9834.70	393.48
Sibylla's Queen 31174	A	147	July	1194.30	4.72	56.37	6631.80	313.80
Von Davreeda 20735	A	122	July	774.40	4.58	35.47	3680.80	163.07
Pyne, Percy R., Bernardsville, N. J.								
Coraleona of Upton Pyne 42372	D	131	July	1051.50	4.81	50.58	5017.60	234.31
Goldie of Upton Pyne 44417	F	362	July	255.50	6.32	16.15		
		366	Aug.	13.30	6.32	.84	7423.50	379.36
Tulip of the Glen 29562	A	347	July	672.20	5.40	36.30	10022.90	482.08
Rather, Armand P., Peebles, Wis. 1 day test.								
Lelah Rosebud 40048	A	158	July	932.00	4.83	45.02	5412.40	256.01
Silver Darling of Oak Lawn 48862	G	261	July	379.40	4.92	18.67	5136.20	229.98
Silver Rose of Oak Lawn 52136	G	192	July	781.00	4.39	34.29	5795.20	254.62
Silver Tricksey of Oak Lawn 47231	G	290	July	666.40	4.57	30.45	7182.90	361.26
Ray, G. W., Albion, Mich. 1 day test.								
Elm Row May Kirk 59545	G	308	July	367.70	6.43	23.64	4231.90	234.42
Elm Row Namouna's Lady 60062	G	283	July	432.90	4.94	21.39	4614.50	243.32
Queen Rosie of Maple Shade 36625	C	325	July	611.40	5.35	32.71	8569.80	416.11
Ray, Harold G., Albion, Mich. 1 day test.								
Dolly Bishop of Elm Row 59546	G	308	July	375.80	5.40	20.29	4218.30	227.54
Rose Bishop's Tricksey of Elm Row 38959	D	308	July	270.60	5.00	13.53	5494.60	248.01
Roberts, T. W. & I. W., Bala, Penn.								
Clover of Pencoyd 3d 48274	G	280	July	805.30	5.68	45.74	8128.00	446.55
Nella Jay 3d 35082	A	243	June	1000.10	4.86	48.60		
		274	July	1027.50	4.79	49.22	9992.30	469.31
Queen Salem of Pencoyd 62539	G	188	July	861.80	5.04	43.43	5419.40	281.04
Red Rose of Pencoyd 36494	B	173	July	593.30	5.12	30.36	4684.30	226.59
Red Rose of Pencoyd 2d 62132	G	216	July	796.80	4.67	37.21	6403.30	283.49

of show animals which were sold to the purchasers and at the prices given as follows:

BULLS

Fernleaf's Mar 22142, 4 years. Lyman Blair, Greenville, Maine. $110.00

Governor's Fernleaf Mar 39193, 2 years. William Batcheldor, Sanford, Maine..... 72.50

FEMALES

Dorris of White Rock 29438, 8 years. J. A. Hampson, West Falmouth. 95.00

Monadnock's Queen Ovid 22815, 9 years. H. E. Jilson, Otisfield, Maine. 65.00

Lady Adelaide of Paris 65832. William Batcheldor. 110.00

Lady Nellie of Paris 65833, 6 years. William Batcheldor. 140.00

Lady Nellie of Paris 2d 65841, 4 years. C. W. Curtis. 202.50

Lady Ferndale of Paris 65836, 2 years. William Batcheldor..... 100.00

Fernleaf's Mar's Nellie 65843, 4 mo. C. W. Curtis. 90.00

Fernleaf's Mar's Dorris 65837, 1 year. F. L. Keene, Oxford, Maine. .. 45.00

Fernleaf's Mar's Adelaide 65842, 1 year. George T. Greenhalgh, Pawtucket, R. I. 95.00

Aspidium's Helen Marshall 65834, 3 years. Lyman Blair. 155.00

Helen Marshall of Kingdale 65839, 6 mo. C. W. Curtis. 125.00

Fernleaf's Mar's Lady Marshall 65835, 2 years. Lyman Blair. 177.50

Fernleaf's Mar's Helen 65840 6 months. Richard R. Palmer, East Sumner, Maine..... 70.00

Creusa's Lady May 2d 63102, 2 years. William Batcheldor..... 360.00

Anchor's Lady Creusa 65838, C. W. Curtis. 95.00

—H. M. TUCKER, Sale Manager, Canton, Maine.

MASSACHUSETTS

Guernsey Bull Calf to be given as a Prize at Springfield.

The Mixter Farm at Hardwick, Mass., has given as one of the prizes for the boys stock judging contest, to be held at the National Dairy Show in October, a pure bred Guernsey bull

WHEN

are you going to start giving a Year's Subscription to the

JOURNAL

with each bull sold to a non-subscriber?

It will increase your sales to do so, and we will go halves on the price. Write us about this plan.

The American Guernsey Cattle Club

Peterboro, N. H.

STOCKBREEDERS PREPARE!

PREPARE for this foe--Toxicogenic bacteria. Prepare against the dreaded Foot and Mouth Disease, USE--

BUFFALO SHAVINGS

The American Association of Medical Milk Commission adopted a resolution advocating Shavings for bedding as a PREVENTATIVE to Bacteria

Buffalo Shavings are Bacteria-proof, Antiseptic, deodorant, absorbent. Let Buffalo Shavings PROTECT your cattle--Order to-day.

BE PREPARED

CHARLES A. SMITH WHOLESALE LUMBER

29 BROADWAY, NEW YORK

calf, Mixter Trophy. This calf is sired by Equality of the Glen 13688, and out of Hardwick Nun 48407.

The Show management appreciates very highly the interest that Dr. Mixter has shown in endeavoring to stimulate a greater interest in the raising of better Guernseys in this section of the country. The result of such work in interesting the boys in live stock raising can not be overestimated. There are many instances where a young fellow has obtained a start by such a beginning. Not only is this worthy of notice from the standpoint of interesting the boys to go into better stock raising, but its influence is of inestimable value upon the community where it is fortunate enough to be located.

It is the interest of such breeders as the donator of this calf that is bringing about higher standards and

Roebling, F. W., Trenton, N. J.								
Imp. Lily II. des Baissieres 39454	A	239	July	931.10	5.04	46.93	8589.50	422.78
Mignonette of Rich Neck 2nd 49310	G	287	July	751.40	5.25	39.45	7622.10	389.83
Imp. Violet's Pearl IV. 39467	B	193	July	1131.20	3.99	45.13	9455.90	380.61
Violette of Rich Neck 41117	D	142	July	874.50	5.78	50.55	4628.00	241.56
Rundell, Lloyd, Roberts, Wis. 1 day test.								
Imp. Alice of St. Croix 54109	E	359	June	720.00	5.30	38.16		
		366	July	148.50	4.61	6.85	8304.80	409.17
Imp. Alicia of St. Croix 54119	G	366	May	380.70	7.08	26.95	6415.50	342.16
Imp. Anita of St. Croix 54121	G	366	June	554.10	5.18	28.70	7743.20	379.92
Imp. Arbutus of St. Croix 54123	G	220	June	876.10	4.94	43.28		
		251	July	803.40	4.00	32.14	6848.00	317.91
Imp. Argie of St. Croix 54117	F	304	June	900.30	4.39	39.52		
		335	July	740.30	4.75	35.16	8786.84	417.10
Imp. Clara of St. Croix 54125	F	145	June	964.90	3.85	37.15	4342.10	178.59
Imp. St. Croix's Ellen 57454	E	74	June	1052.30	4.23	44.51		
		105	July	852.10	4.81	40.99	3276.00	143.24
Salsbury, B. F., Fairfax, Virginia. 1 day test.								
Miss Virginia 26826	A	73	July	1026.90	4.32	44.36	2487.10	111.68
Sass Brothers, Streator, Ill.								
Amarilla of Pergue 44835	E	60	July	775.60	3.94	30.56	1513.60	61.93
Cody's Annabell 25307	A	92	July	923.40	4.44	41.00	3581.50	154.75
Duchess Glenwood Taylor 47003	G	238	Nov.	473.40	6.86	32.48		
		269	Dec.	469.40	6.86	32.20		
		300	Jan.	430.80	7.40	31.88		
		328	Feb.	398.40	7.59	30.24		
		359	Mar.	419.50	7.24	30.37		
		365	Apr.	68.40	7.24	4.95	6644.20	390.03

Lady Washington of Pergue 44360	E	110	July	635.00	4.83	30.67	2721.70	117.61
Masher's Cottie Marie of Maple Glen 43750	D	104	July	887.40	4.43	39.31	3492.20	151.51
Masher's Hilma of Maple Glen 43751	E	76	July	861.30	4.56	39.28	2312.50	102.84
Masher's Libby of Maple Glen 43749	D	102	July	856.90	4.35	37.28	3105.40	124.75
Nevma 23187	A	278	Nov.	649.90	5.34	34.70		
		309	Dec.	541.80	5.34	28.93		
		340	Jan.	533.30	6.18	32.96		
		365	Feb.	442.10	5.33	23.56	9491.40	431.49
Pergue's Pride Charmante 43725	F	108	July	748.30	4.18	31.28	3106.20	120.05
Sibylla's Promise 41194	G	274	Nov.	802.10	5.81	46.60		
		305	Dec.	773.80	5.81	44.96		
		336	Jan.	659.00	6.29	41.45		
		364	Feb.	521.40	6.55	34.15		
		365	Mar.	16.60	6.55	1.08	10571.60	506.88
Washington's Dairymaid of Pergue 44359	E	105	July	788.70	4.82	38.02	3115.60	141.24
Saylor, William H., San Francisco, Cal. 1 day test.								
Early Twilight 24629	A	139	July	1032.60	3.93	40.58	5264.80	221.83
Saylor's Jewelette 39239	C	115	July	784.30	4.97	38.98	3308.40	154.54
Schwalen, O. R., Roberts, Wis. 1 day test.								
Benton Harbor's Violet 38377	C	137	May	775.80	4.72	36.62		
		167	June	683.50	5.93	40.53		
		198	July	613.80	5.72	35.11	5122.80	272.07
Duchess of Grenwode 39287	C	104	May	791.20	5.17	40.91		
		134	June	678.40	5.19	35.21		
		165	July	579.50	4.71	27.29	4038.50	203.97
Heatherbloom of Hickory Hill 37057	C	232	May	533.70	5.11	27.27		
		262	June	499.10	5.18	25.85		
		293	July	444.20	5.05	22.43	6007.10	291.70
Imp. Lady Mona of the Tertre 61006	G	140	May	677.20	4.25	28.78		
		170	June	694.40	4.63	32.15		
		211	July	630.10	4.27	26.91	4774.20	198.36
Minnie Carteret of City View 60270	G	152	May	659.80	4.61	30.42		
		182	June	660.80	4.87	32.18		
		213	July	587.20	4.44	26.07	4831.60	222.12
Imp. Pansy of City View 59638	F	218	May	649.70	5.36	34.82		
		248	June	638.50	5.22	33.33		
		279	July	572.40	5.29	30.28	6342.90	318.97
Imp. Polly Gaudion of City View 59631	D	91	May	1056.80	4.97	52.52		
		121	June	901.10	5.34	48.11	3947.50	193.50
Queen Carteret 37401	B	143	May	684.00	4.97	33.99		
		173	June	663.00	5.54	36.73		
		204	July	610.10	4.79	29.22	4935.20	247.70
Raymond's Rose of Denmark 38380	C	106	May	855.70	5.73	49.03		
		136	June	743.00	5.47	40.64		
		167	July	608.60	5.99	36.46	4272.60	234.47
Sunbeam of Grenwode 43237	E	150	May	797.00	5.36	42.72		
		180	June	739.80	6.17	45.65		
		211	July	662.20	6.02	39.86	5657.20	324.52
Scoville, Robert & Herbert, Taconic, Conn.								
Bunty 39514	C	360	July	1087.70	4.92	53.51		
		366	Aug.	205.20	4.92	10.10	13672.90	632.57
Excelsior of Grasslands 52838	D	213	July	875.80	4.57	40.02	6998.60	297.91
Grasslands Regina 63307	F	153	July	919.50	4.63	42.57	4433.00	207.92
Jethro's Youngun 46269	G	366	July	449.60	4.64	20.86	8483.60	370.64
Masher's Dairymaid 46268	E	366	July	463.80	5.05	23.42	11901.20	526.82
Imp. Proud Lady Blanche 35984	B	294	May	913.50	3.99	36.45		
		324	June	832.50	4.32	35.96		
		355	July	861.50	4.26	36.70	10488.80	440.53
Youlaxene 63911	G	153	July	847.40	4.79	40.59	4265.10	202.20
Sherman, J. G., Greenwich, N. Y.								
Imp. Boston III. of the Hougue Fouque 47700	B	255	July	888.60	4.57	40.61	7989.40	378.32
Lucile of Elmpines 44743	F	163	July	578.90	4.78	27.67	3341.30	146.19
Imp. Seva of Elmpines 53642	G	169	July	968.10	4.49	43.47	5228.50	232.94
Imp. Simrose of Elmpines 51362	G	151	July	860.90	4.47	38.48	3872.80	170.14
Shoemaker, S. M., Eccleston, Md.								
Princess Milk Maid 38668	C	235	July	935.20	4.61	43.11	9076.30	419.08

ideals in the breeding of our live stock. We congratulate the boys upon having such men and interesting them sufficiently to give such excellent stock for them to start with.

—J. A. Sheuerle,
Springfield, Mass.

National Dairy Council Bulletin.

By W. E. Skinner, Secretary.

In our last Bulletin we informed you that a fund of $50,000.00 had been subscribed by men prominent in the dairy industry for the preliminary work of our big National Advertising Campaign to increase the production and consumption of milk, butter, buttermilk, cheese and ice cream.

The opening gun has been fired. On Saturday, July 29th, our first advertisement was published in the Saturday Evening Post.

It reached 2,000,000 American homes in one day and acquainted consumer and producer alike with the great movement started by your Council.

The effect of this advertisement was exactly what had been anticipated, and the response received is most encouraging. It has brought subscriptions from dairymen; numerous requests from associations for speakers to place the enterprise before their members and secure their affiliation and their proper contribution and, above all, enthusiastic response from consumers.

We feel justified in saying that we believe we have struck the right chord, and that the success of our movement will exceed the fondest hopes of its sponsers.

Our Prospectus will be off the press and ready for general distribution on September 1st. It contains the whole story, including reproductions of all the advertisements to be run within the next three months; also contains letters received in response to the advertising, which show the deep interest displayed by the public in this very serious question of proper and economical living.

While, in the brief space of this bulletin, it is impossible to even hint at the great variety of enthusiastic expressions, we reproduce herewith, in full, one interesting letter—interesting because it shows what effect our advertising has upon the consumers:—

Salt Lake City, Utah, Aug. 7, 1916.

National Dairy Council, Chicago, Illinois.

Gentlemen:—On the eventful Thursday evening when the Saturday

Evening Post was received containing your ad, I started through it in the usual way—from page 1 to the finish—and when I came to your contribution to the weekly literary feast, I read it through and looked at the picture until I could bear it no longer. Calling in my son, I showed him the ad, and asked him if he thought it advisable to run down to the corner drug store and get a brick of ice cream.

"Sure," he replied, "gimme a quarter."

As he started for the door with the two-bit piece in his hand, he said: "I read that ad this afternoon, and it cost me ten cents, for I had to go out and get a dish of ice cream."

The next day I was telling a friend of the experience. He laughed and said: "Mother read that ad late last night, and it appealed to her so much that she went to the refrigerator and drank two glasses of milk, and said she wished she had some cheese."

If these two experiences are typical, I judge that the cows will soon be working more than eight hours a day to supply the demand. Keep up the advertising. Our milkman has had his daily order increased already.

Yours truly,

ROBERT SPANGLER.

Send me Dairy Menu Book, please.

NEW YORK

Lochevan Farm Sells Yearling.

Lochevan Farm, through H. Kellogg of Derby, New York, has recently sold to Mr. Besore of Smithsburg, Maryland, a yearling bull out of Clorinda of Lochevan 54777 A. R. 4479, whose record is 1034.2 pounds of milk and 507.53 pounds of butter fat.

Oakhurst Farm Sales.

Oakhurst Farm, Millerton, N. Y., has recently sold to Mr. C. L. A. Whitney of Albany, N. Y., a fine bull calf sired by Ne Plus Ultra IV. The dam of this bull is the fine Advanced Register cow Rosie V. of the Bourg-de-Bas 36380, which won the junior champion cup in New York State in 1915, with her record of 14065 pounds of milk and 755 pounds of fat made as a 3 year old.

NORTH DAKOTA

Winnings at the Tri-State Fair, Grand Forks.

Bull, 3 years old or over.

1. Golden Land 18352, E. S. Person, Minot, North Dakota.

Bull, 2 years old and under 3.

1. Starlight's Excelsior of Jena

Prioress Proda 29139	A	363	July	631.50	5.83	36.82		
		366	Aug.	53.00	5.83	3.09	10988.20	528.61
Rhea's Ultra May Rose 42962	F	329	July	757.00	5.16	39.06	9711.70	498.77
Skaar, M. S. & C. A., Hayward, Minn.								
Maisie's Princess 33921	A	262	July	501.30	4.86	24.36	5323.30	254.67
Maisie 3d's Baby 42594	E	202	July	526.50	5.09	26.80	3980.90	185.56
Princess Adeline 49825	G	115	July	566.40	3.89	22.03	2447.80	100.35
Smith, Frank M., Springfeld Center, N. Y.								
Alfreda of Broad Acres 47821	G	366	July	337.70	4.60	15.53	7172.20	310.29
Amanda of Broad Acres 47601	G	199	July	585.40	5.80	44.95	4344.50	224.24
Amelia of Elmhurst 47615	G	321	July	539.20	6.25	33.70	5891.10	320.79
Anita of Elmhurst 48044	G	285	July	875.90	4.92	43.09	8074.30	395.75
Anna of Elmhurst 47617	G	199	July	981.50	4.62	45.35	7058.00	311.30
Bell of Broad Acres 51031	G	10	May	257.30	4.63	11.91		
		40	June	869.90	4.56	39.67		
		71	July	878.00	4.44	38.98	2005.20	90.56
Glenwood Girl of Springfield 40419	A	27	July	1184.50	4.88	57.80		
Hetty Hutter of Springfield 35499	A	20	May	804.50	4.73	38.05		
		50	June	1297.80	4.95	64.24		
		81	July	1216.10	5.04	51.29	3319.30	163.58
Nellietena of Hammond 42185	C	351	July	544.70	5.65	30.78	7409.10	388.68
Phillida of Maple Shade 34933	A	27	May	998.10	4.45	44.42		
		57	June	1186.40	4.51	53.51		
		88	July	1141.20	4.53	51.70	3325.70	149.63
Rockingham's Lily 41017	D	24	May	901.30	5.29	38.67		
		54	June	1080.60	5.85	52.41		
		85	July	922.00	4.93	45.45	2904.90	136.53
Susnny of Hammond 42184	C	366	July	563.20	5.74	32.33	9051.40	463.27
Smith, Louis E. P., Holliston, Mass.								
Imp. Anna Primula 48526	A	75	July	1345.50	4.40	59.20	3512.80	155.25
Donna May Fanchon of Linda Vista 47709	G	294	July	957.30	4.55	43.56	8792.70	362.28
Pride of Castle Haven 25981	A	237	July	940.90	4.63	43.56	7847.10	377.95
Speer, J. T., Garrettsville, Ohio. 1 day test.								
Betsey's Lady 28308	A	273	June	851.20	3.96	33.71		
		304	July	842.20	4.64	39.08	9979.20	451.82
Imp. Primrose of Edgewater 31891	A	327	July	437.80	5.68	24.87	8272.70	399.44
Sweet, Ernest E., Detroit, Mich. 1 day test.								
Governor's Minnewaska 2d 38158	C	116	June	796.60	4.76	37.92		
		147	July	621.00	5.14	31.92	3845.50	174.27
Panama's Tulip's Daughter of Oak Grove 46832	G	135	June	731.50	3.88	28.38		
		166	July	548.40	3.83	21.00	3742.80	147.08
Tarbell, Gage E., Smithville Flats, N. Y.								
Choice Rose of Tarbell Farms 23695	A	144	July	1211.00	4.79	58.01	6621.10	320.39
Clover Leaf of Hop City 32667	A	305	July	615.50	5.99	36.87	7761.90	456.66
Clover Leaf of Tarbell Farms 47558	G	322	July	488.00	6.67	32.55	6663.60	389.12
Clovita of Tarbell Farms 46205	G	326	July	568.10	6.10	34.65	7604.90	425.45
Emeranda of Tarbell Farms 43566	E	253	July	524.70	6.23	32.69	6105.50	330.71
Gold Coin of Hop City L. 41438	A	309	July	633.00	4.97	31.46	5686.00	277.80
Gold Coin of Tarbell Farms 45883	F	325	July	549.70	5.58	30.67	6520.10	341.02
La Fleur Primrose 45888	G	301	July	595.10	5.50	32.73	7174.20	375.16
Lilla's Daughter 27042	A	177	July	898.00	5.48	48.76	6100.80	300.54
Lillian of Tarbell Farms 43567	F	323	July	841.80	4.65	39.14	10536.00	452.79
Lily of Tarbell Farms 37359	C	310	July	519.30	6.66	34.59	7297.70	435.66
Mabel's Princess Royal 30526	A	296	July	714.30	4.87	34.79	7873.80	372.85
Mita of Tarbell Farms 45887	G	322	July	650.00	4.80	31.20	8449.30	390.84
Princess of Oaklands 2d 36163	B	270	July	679.50	5.70	38.73	7129.30	364.56
Quercus Maid 25643	A	188	July	1198.90	5.23	62.70	9020.40	432.86
Roy's Jennie of Tarbell Farms 27045	A	230	July	900.00	4.88	43.92	8975.10	408.43
Tarbell Farms Marjery 37954	B	80	July	1219.00	4.59	55.95	3367.10	157.20
Tarbell Farm's Olive 37360	C	333	July	565.60	4.97	28.11	7016.70	348.34

Wild Rose of Tarbell Farms 43568	F	328	July	732.00	4.54	33.23	8642.50	381.24
Taylor, Moses, Mt. Kisco, N. Y,								
Pearl of Annandale 43018	E	244	July	818.00	4.77	39.02	7106.10	328.93
Thompson, J. J., Lisbon, N. Y. 1 day test.								
Agnes Fern's Daisy 54291	F	48	June	789.60	5.13	40.51	1249.70	62.64
Agnes Fern's Dora 54290	F	48	June	753.50	4.34	32.70	1176.10	51.51
Imp. Alex of Bellview 47705	C	274	June	504.00	5.45	27.47	6706.30	317.92
Bell Dorey 49558	E	285	June	661.90	5.18	34.29	7044.90	360.21
Bess of Meadowview 53448	F	38	June	975.20	4.64	45.25	1216.00	55.24
Daisy of Meadowview 53760	G	41	June	1123.30	4.64	52.12	1466.60	69.29
Miss Redy 3d 54391	G	41	June	760.50	5.57	42.36	1042.50	56.38
Miss Standard 54708	G	30	June	664.00	3.94	26.16		
Old Orchard's Jewel 54295	G	30	June	765.90	5.09	38.98		
Old Orchard's Nina 54294	G	48	June	615.10	5.41	33.28	999.50	50.69
Orvilla's Pride of Old Orchard 54292	F	41	June	785.30	4.41	34.63	1051.10	47.52
Puff of Old Orchard 54288	F	61	June	789.20	4.28	33.78	1599.00	66.66
Sweet Tips 3d 54287	F	57	June	838.20	4.34	36.38	1490.80	67.97
Viola of Waddington 31098	A	244	May	731.20	5.57	40.73		
		274	June	775.80	5.64	43.76	7312.50	384.03
Thomson, Frank Graham, Devon, Pa.								
Aurora Primrose of Brookmead 40002	E	351	July	681.60	4.88	33.26	10180.00	502.90
Brookmead's Dimple 49806	G	86	July	1022.90	4.60	47.05	2910.80	128.76
Brookmead's Maya 52086	G	28	July	810.20	4.71	38.16		
Brookmead's May Rose 49803	G	88	July	950.00	4.93	46.84	2766.30	123.66
Imp. Gipsy II. of le Mont Durant 39439	A	364	July	696.30	5.12	35.65	12146.90	574.08
Golden Beauty of Brookmead 39998	C	122	July	905.00	4.86	43.98	4073.80	183.38
Malinda Glenwood 33802	A	115	July	1479.80	4.75	70.29	5948.70	279.86
Symphony of Paxtang 40920	B	313	July	689.70	4.82	33.24	10436.80	479.18
Tone, S. La Rue, Canonsburg, Penn.								
Nicolette 17236	A	129	July	1254.80	4.68	58.72	6191.60	291.76
Vander Beek, F. I., Glen Spey, N. Y.								
Cragston Ethel 50556	G	60	July	876.30	4.16	36.45	1729.30	72.28
Imp. Daisy du Lubin II. 41650	B	366	June	287.50	4.75	13.66	10003.10	463.59
Imp. Deanie's Pride 47184	E	92	July	793.70	4.34	34.45	2494.40	115.00
Imp. Jessy Rose XIV. 47161	E	335	July	557.50	5.43	30.27	7790.00	416.49
Imp. Lynchmere Marie 54018	G	366	July	180.10	5.28	9.51	8831.80	447.14
Imp. Sailor's Pride of Grande Rocque Hotel 53660	G	61	July	804.80	4.20	33.80	1616.10	70.55
Vaux, Mary M., Bryn Mawr, Pa.								
Amie of Harriton 52151	G	20	May	482.90	4.17	20.14		
		50	June	765.00	4.17	31.90		
		81	July	823.50	5.16	42.49	2071.40	94.53
Miss Alexandre of Harriton 49113	G	83	July	771.50	4.53	34.95	2189.80	96.36
Rudbeckia of Harriton 41588	C	122	July	806.90	4.37	35.26	4109.60	176.14
Viscaria of Harriton 45077	E	88	July	842.20	5.19	43.71	2312.50	107.86
West Virginia University, Morgantown, W. Va.								
Pride's Fi Fi 49487	G	156	June	530.70	5.09	27.01		
		187	July	519.20	5.42	28.14	3451.90	152.73
Raider's Elsie 49488	G	178	July	455.70	5.89	26.84	3132.50	167.74
White, George M., Freehold, N. Y. 1 day test.								
Fair Lady of Gayhead 33999	A	110	July	1170.20	3.94	46.11	4888.80	225.55
Gloss of Gayhead 40355	C	166	July	534.50	6.16	32.95	4246.40	252.55
Glow of Gayhead 40354	C	167	July	1002.80	3.91	39.21	6192.80	265.74
Miss Financier 42974	D	20	June	733.30	5.06	37.10		
		51	July	1233.70	4.13	50.95	1967.00	88.05
Imp. Stella 4th of Warren Wood 45949	D	262	July	661.60	5.34	35.33	6433.20	333.25
Tonie of Gayhead 40356	E	351	July	584.70	5.11	29.88	9594.00	477.24
Wilkins, Charles A., Platteville, Wis.								
Alma Ethel 33964	A	118	July	1208.60	4.29	51.85	5117.70	227.00
Cinderella Josephine 34500	A	17	June	894.40	5.52	49.37		
		48	July	1347.70	4.55	61.32	2242.10	110.69
Glen Rose of Haddon 35749	A	169	July	1195.10	3.93	46.97	7411.10	307.54
Goldie of Linwood 43779	E	152	July	830.30	4.21	34.96	4902.40	209.22
Lady of Mound City 43094	E	169	July	575.10	4.13	23.75	4898.10	204.06
Imp. Susie of Mound City 52701	D	288	July	654.70	5.29	34.63	7907.30	413.52

Du Luth 7992, Jean Du Luth Farm Inc., Duluth, Minnesota.

Bull, 1 year old and under 2.

1. May Rose Yeksa Starlight 33918, Jean Du Luth Farm, Inc.
2. Golden Raymond, B. B. Mouck, Minot, North Dakota.
3. May Rose Golden Secret 34920, E. S. Person.
4. May Rose Searchlight 33074, Jean Du Luth Farm, Inc.

Senior Bull Calf.

1. Martha Rose King, Jean Du Luth Farm, Inc.
2. Golden Noble of the Lakes 37091, Jean Du Luth Farm, Inc.

Junior Bull Calf.

1. May Rose Noble of Jean Du Luth 38183, Jean Du Luth Farm, Inc.

Cow, 3 years old or over.

1. Jean Du Luth Phyllis 45611, Jean Du Luth Farm, Inc.
2. Lura Bettina 29725, E. S. Person.
3. Lime Girl 33441, Jean Du Luth Farm, Inc.
4. Imp. Raymonds Sweet Maid 50304, E. S. Person.

Cow, 2 years old and under 3.

1. Glenwood's Aurical of Elmwood 48473, E. S. Person.
2. Jean Du Luth Coronet 52816, Jean Du Luth Farm, Inc.

Senior Yearling Heifer.

1. Williams May Rose 56836, Jean Du Luth Farm, Inc.
2. Lura Glenwood of Minot 57425, E. S. Person.

Junior Yearling Heifer.

1. Lizette's May Rose 57497, Jean Du Luth Farm, Inc.
2. Golden Violet of Minot 59313, E. S. Person.
3. Lady Glenwood of Minot 59312, E. S. Person.

Senior Heifer Calf.

1. Julia's May Rose 66572, Jean Du Luth Farm, Inc.
2. Gree's May Rose, Jean Du Luth Farm, Inc.
3. Chene's May Rose, Jean Du Luth Farm, Inc.
4. Unnamed calf, E. S. Person.

Junior Heifer Calf.

1. Jean Du Luth Roselight, Jean Du Luth Farm, Inc.
2. Unnamed Calf, E. S. Person.

Senior and Grand Champion Bull.

Starlight's Excelsior 7992, Jean Du Luth Farm, Inc.

Junior Champion Bull.

1. Marathon Rose King 37037, Jean Du Luth Farm, Inc.

Senior and Grand Champion Cow.

1. Jean Du Luth Phyllis 45611, Jean Du Luth Farm, Inc.

Junior Champion Heifer.

1. William's May Rose 56836, Jean Du Luth Farm, Inc.

Aged Herd.

1. Jean Du Luth Farm, Inc.
2. E. S. Person.

Young Herd.

1. Jean Du Luth Farm, Inc.
2. E. S. Person.

Calf Herd.

1. Jean Du Luth Farm, Inc.
1. Jean Du Luth Farm, Inc.
2. Jean Du Luth Farm, Inc.
3. E. S. Person.

Produce of Cow.

1. Jean Du Luth Farm, Inc.
2. Jean Du Luth Farm, Inc.
3. E. S. Person.
4. E. S. Person.

Get of Sire.

1. Jean Du Luth Farm, Inc.
2. Jean Du Luth Farm, Inc.
3. E. S. Person.

Champion Guernsey Beats Her Previous Record.

Lura Bettina, the champion cow of North Dakota, owned by Major E. S. Person of this city, has proven her ability by beating her own record. She finished a year's record at Major Person's Elmwood farm, two and a half miles west of Minot, on January tenth. During the year she produced 14,001.2 pounds of milk containing 739.58 pounds of butter fat.

She received the regular herd care and attention during the year being fed and milked three times a day. J. A. Sorensen, manager of Elmwood farm, was her sole caretaker.

This record gives to Ward county a distinction and honor that reflects much credit upon the owner and caretaker.

Lura Bettina is six years old, pure bred, registered, and weighs 900 pounds. During the year just ended she produced seven tons of milk or more than fifteen times her own weight. The milk produced equalled 7,000 quarts, which if retailed at ten cents per quart, would make the gross income $700. She produced in her last record year 925 pounds of butter, or almost exactly her own weight. The butter fat in that year was sold above fifty cents per pound on an average. But if the lowest market price is taken, the income from this one cow was $370 for milk sent to the creamery.

The record the preceding year, which was the state record as well, was 10,992.8 pounds of milk, and 623.02 pounds of butter fat. Her record this year beats that of last year by an increase of almost forty per cent in milk and more than twenty per cent. in butter fat.

According to the statistics of the state dairy commissioners' office, the average dairy cow of this state only produces 140 pounds of butter fat annually.

Willis, Park Weed, Seattle, Wash.								
April Girl 2d 36395	B	353	July	460.30	4.99	22.97	6584.00	309.88
July Maide 30048	A	297	July	914.90	4.60	42.09	8837.40	428.57
Sammamish Topsy 46992	G	220	July	1039.90	5.39	56.05	7789.40	407.37
Wood, George, Wawa, Pa. 1 day test.								
Busy Bee's Daisy of Wawa 46279	G	332	July	454.70	5.18	23.55	6414.40	322.32
Imp. Deanie's Portia 55413	G	353	May	550.70	5.52	30.40		
		366	June	217.20	5.47	11.88	7859.60	382.20
France's Daisy of Wawa 43960	B	223	July	790.10	4.77	37.69	7289.00	362.58
France's Expectation of Wawa 40288	A	182	July	748.80	4.41	33.02	5439.60	236.74
Glenwood's Lucy of Wawa 46280	F	249	July	546.50	3.88	21.20	6066.10	249.77
Imp. Lady Raymond of la Hougue 54969	G	332	July	449.30	4.81	21.61	6697.60	285.88
Imp. Mary Ann of La Villette 54312	F	366	July	76.70	4.87	3.74	7446.00	331.62
Imp. Violet of the Clos Vivier II. 54311	E	287	July	525.80	5.21	27.39	5802.80	292.57
Zehnder, C. H., Allenhurst, N. J.								
Louise of Middlebrook 27993	A	51	May	1183.40	4.36	51.60		
		81	June	962.70	4.53	43.66		
		112	July	851.00	4.78	40.68	3747.24	173.02
Pandora of Middlebrook 46333	E	140	July	542.90	5.47	29.70	3150.80	169.70

Accessions from Clara Cooper Farms Augment Jean Du Luth Herd.

Messrs. James H. Cooper of the Clara Cooper Farms of Courtenay, North Dakota, sold on August 17, 1916, to the Jean Du Luth Farm of Duluth, Minnesota, the following cows with complete Advanced Register records:

Imp. Fleurie of the Niaux 44188 A. R. 3859, Class F, 9710.6 pounds of milk, average 5.25, 509.57 pounds of fat.

Imp. Daisy of Northview 44191 A. R. 3860, Class G, 10107.4 pounds of milk, average 4.76, 480.84 pounds of fat.

Imp. Miss Freda III 44174 A. R. 3967 (R. G. A. S. 10436 P. S.) Class D, 8872.8 pounds of milk, average 5.21, 462.44 pounds fat.

Imp. Princess du Braye III 44879 A. R. 3972, 9415.2 pounds of milk, Class G, average 3.90, 367.15 pounds of fat.

Imp. Polly of Piece Nez III 44190 A. R. 4227 Class F, 6529.8 pounds of milk, average 5.18, 338.54 pounds of fat.

Of cows still under test there were Alpha of Clara Cooper Farms 50080, 153 day test, 151 pounds of butter fat.

Imp. Minette of the Niaux 44187 (R. G. A. S. 11441 P. S.), Class D 153 days, 234.70 pounds of butter fat.

Imp. Ruby 2d of La Croisse 44193 A. R. 4252 Class G 153 days, 452.6 pounds of butter fat.

Imp. Daisy of Les Piece Nez 3d 44880 (R. G. A. S. 12192 P. S.) Class F, 153 days, 424.18 pounds of butter fat.

Imp. Freeman's Bountiful 44185 (R. G. A. S. 11395 P. S.) Class D, 295 days, 371.82 pounds of butter fat.

In addition to the above, the sale included six sons of Golden Noble of Craigamoor 29215, a grandson of Dolly Dimple's May King of Langwater 12997, out of Daisy Moon IV. A. R. 6399 by Golden Noble II. 1836 P. S.

Practically all of the cows purchased were rebred to Golden Noble of Craigamoor 29215, the famous bull of the district. The Clara Cooper Farm is situated in Stutsman County, North Dakota, whose county seat is Jamestown, a railroad center of importance about fifty miles north of the southern boundary of the state.

Mr. Grout writes that the Jean Du Luth Farm is directing its efforts toward placing its Guernsey herd upon the same plane with its Red Polled herd.

But Still Untested.

"Everybody has a strange mental cow in the next pasture that he is afraid to face," says Tom Masson in The American. Those mental cows

are the explanation of the milk in the cocoanuts.—Don Marquis.

OHIO

Geauga County Breeders' Meeting.

The Geauga County Guernsey Breeders' Association held their annual summer meeting and basket picnic on Wednesday, Aug. 23, at the home of R. E. Spencer in Claridon. A good many Guernsey breeders and their families were present. The forenoon was mostly occupied in looking over the Spencer herd of pure bred and grade Guernsey cattle. The purebred cattle are very good ones, but of more interest to the commercial dairyman was the fine lot of grade Guernsey cows with their well filled udders. These cows are of a fine type and show what can be accomplished in a few years by the use of a good purebred sire.

After dinner the meeting was called to order by Pres. Gates, who spoke on the question of forming a cow-testing association in the county. M. H. Barker, county agent, also spoke along the same line and cited several instances where the cow-testing associations had done very valuable work. A committee of six was appointed to co-operate with County Agent Barker to look up the possibility of forming a cow-testing association. Those appointed were O. A. Bartlett, Thompson; T. C. Spencer, Chardon; Louis Rothlesberger, Novelty; L. C. Eldredge, Chardon; B. J. Shanower, Burton, and C. W. Krauss, Burton.

After extending our heartiest thanks to the Spencers for their hospitality, we took another look at the cattle and then departed for our several homes.

—C. W. Krauss, Sec'y.

Red Wing Farm Sells One of their Herd Bulls, Kitchener's Governor of Corona 19206.

August tenth, A. J. and J. Hughes of Red Wing Farm, Oregon City, Oregon, sold Kitchener's Governor of Corona 19206, one of their herd bulls, to W. A. Goodwin, Cornelius, Washington County, Oregon, to head his pure bred herd.

This bull traces on both sire's and dam's side to the great bull, Governor of the Chene 1297 P. S., winner of many honors on the Island of Guernsey, and of which his owner proudly said that American money could not buy the old Governor.

Kitchener's Governor of Corona 19206 was first at the Oregon State Fair in 1913, grand champion at the Oregon State Fair in 1914, and grand Champion at the Clackamas County Fair in 1915.

His full brother, Kitchener's Corona Boy 16856, was grand champion at the California State Fair in 1912-1913 and first in 1914. His sire, Imp. Lord Kitchener 11369, was grand champion at the California State Fair four successive years, and won first on Get of Sire for five years at the same fair.

Imp. Lord Kitchener's daughter, Holliston France 27591 A. R. 2114, has an Advanced Register record of 11879.12 pounds of milk and 550.14 pounds of fat at three years of age. Lord Kitchener 11369 is a half-brother to Imp. Holden IV 12179 on his sire's side. Imp. Holden IV 12179 is the sire of Cherry of Edgewater 38413 A. R. 3361, with 13454.20 pounds of milk and 732.97 pounds of fat at two years old, the record for the breed and the sire of Miranda of Edgewater 30970 with 730.49 pounds of fat at three years old, and one of the Class Leaders in Class E.

The dam of Kitchener's Governor of Corona 19206 is Imp. Corona of Sea View Farm II 21369, whose dam is in the list of Great Dams. His son, Governor's Trink Van 28590, was first at the Oregon State Fair in 1914 and 1915 in strong competition and was also grand champion at the Clackamas County Fair in 1914 and first in 1915.

His daughter, Red Wing Governor's La Belle 59328, six months old, was grand champion at the Clackamas County Fair in 1915 among about twenty-five Guernseys shown, and first at Oregon State Fair in 1915 in a strong class. His daughter, Governor's Memorial Rose 45991, has just finished an Advanced Register record of 377.82 pounds fat at two years and three months of age. While on official test she was three weeks on the fair circuit and was two months without green feed of any kind during the winter, owing to the kale freezing, and had neither roots or silage to supply succulence.

Mr. Goodwin made his final decision to purchase this bull after looking at his calves. Calves from both pure bred and grade cows having straight top lines, good udders, and four large well placed teats. Mr. Goodwin has been a breeder of Guernseys since December 1913 only. This spring he purchased of Ferd Groner, Scholls, Oregon, five head of cows and heifers of Yeksa breeding. Mr. Groner got his foundation stock from Helendale Farms of Athens, Wisconsin. One of these cows is said to be the best show cow of the breed in Oregon. Mr. Goodwin has a fine foundation herd that will make future Guernsey history for Oregon. He will put his cows on official test as they freshen this fall and winter.

Washington County has ten registered Guernsey bulls in different herds, mostly grade herds. Mr. Goodwin sold his former herd bull, Chief of Rosemound 23939 to Chris Jansen, Forest Grove. His grade daughters freshening before they were two years old, milked from thirty to thirty-two pounds daily, milk testing five per cent and over. Mr. Goodwin has a number of grade heifers to freshen this fall and winter. Eighteen months old grade Guernsey heifers bred, he has sold to neighboring dairyman for $70. per head. Recently he sold a registered bull calf to Edward Krahmer, Cornelius, Oregon.

His cream is sent daily to a creamery in Portland and the last year he has received twenty per cent. above the market price for sweet cream. The color, quality and good condition of the cream bring him this premium. The most desirable characteristic is the color, and the creamery mixed this milk with cream that lacked color.

FOREIGN

King's Cups Competition Show.

Many breeders and farmers were present at the annual competition for the King's cups at the Fair Field, Castel, Island of Guernsey, July 27th. The competition was held under the auspices of the Royal Guernsey and Horticultural Society. An interesting incident was the close competition between the first and reserve in the Cow Class requiring the selection of the winner of the King's cup by the referee.

Lieutenant Governor General Sir Reginald Clare Hart presented the cups to the winners and addressed the gathering on the subject of exemptions under the Military Service Act. The cup winners were as follows:—

Bulls.

Brilliant of the Gree II 2944 P. S. (Mr. T. Langlois, Le Gree, Torteval).

Raymond of Mt. Plaisant, 3571 P. S. (Mr. E. F. Falla, Mont Plaisant, Castel).

Reserve: Prince of La Croisee, 3213 P. S. (Mr. F. Phillips, Frie Baton, St. Saviour's).

Cows.

Buttercup du Pont, 3448 F. S. (Mr. T. Langlois, Le Gree, Torteval).

Reserve: Sequel's Bountiful 4038 P. S. (Mr. Alfred Le Patourel, La Ramee).

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37921 **Imp. Sir Golden Horn**
Sire *Sir Golden Horn of Glynn* (2513 E. G. H. B.)
Dam *Imp. Rosy VII. of the Vauxbelets* (59861)
Born—Oct. 5, 1915
Imp. in dam.
Breeder—F. S. Peer, England.
Owner—F. E. Martin, Belmont, N. Y.

37922 **Quintus of Elmwood**
Sire *Golden Secret of Elmwood* (21803)
Dam *Miss Dolly of Riverside* (34575)
Born—Sept. 29, 1915
Breeder and owner:
A. W. Griswold, Elmwood, N. H.

37923 **Sweet Brier's Spotswood King**
Sire *Nepaul* (23330)
Dam *Governor of the Fountain's Sweet Brier* (42170)
Born—Oct. 7, 1915
Breeder—Lyman Blair, Greenville, Maine.
Owner—Martin L. Goodhue, Oakland, Maine.

37924 **Gladys's Sam of Clover Daily**
Sire *Imp. McKerrow's Governor Victor* (30403)
Dam *Gladys of Farview* (21436)
Born—Feb. 5, 1916
Breeder—George McKerrow & Sons Co., Pewaukee, Wis.
Owner—Fred Thurow, Reedsville, Wis.

37925 **Duke of Rosa's Lily**
Sire *Imp. Mabel's Diamond of Koshkonong Place* (20184)
Dam *Rosa's Lily* (32574)
Born—Nov. 4, 1914
Breeder and owner:
S. D. Williams, Vinton, Iowa.

37926 **Falcon's Oliver**
Sire *Raymond's Pioneer of Lewison* (19103)
Dam *Stockbridge Olive* (30883)
Born—Dec. 22, 1915
Breeder and owner:
B. Austin Cheney, Litchfield, Conn.

37927 **Fernwood's Picotte of Bonnie Brae**
Sire *Picotte of Bon Ayre* (28371)
Dam *Luna Laurel's Fernwood Lily* (37226)
Born—Aug. 25, 1915
Breeder and owner:
Lake Remington, Eau Claire, Wis.

37928 **Bellwood King Olive**
Sire *Nimrod of Ewing* (26426)
Dam *Gay Lenora* (47261)
Born—Jan. 21, 1916
Breeder and owner:
W. P. Craig, Perrysville, Pa.

37929 **The General of Thorn Hill**
Sire *Victor of Pencoyd* (18901)
Dam *Bloomfield Fleurie* (22342)
Born—Dec. 14, 1915
Breeder and owner:
August Ziesing, Deerfield, Ill.

37930 **Golden Lad of Northwood**
Sire *Florham Golden Lad* (18119)
Dam *Bess of the Glen* (41666)
Born—Nov. 21, 1915
Breeder—H. A. C. Taylor, Newport, R. I.
Owner—Mortimer L. Schiff, Oyster Bay, N. Y.

37931 **Quansett Lad**
Sire *Florham Golden Lad* (18119)
Dam *Beryl of the Glen* (37372)
Born—Oct. 11, 1915
Breeder—H. A. C. Taylor, Newport, R. I.
Owner—William R. West, New Bedford, Mass.

37932 **Builder of Westlook**
Sire *Florham Golden Lad* (18119)
Dam *Edith of the Glen* (21202)
Born—Dec. 25, 1915
Breeder—H. A. C. Taylor, Newport, R. I.
Owner—William R. West, New Bedford, Mass.

37933 **Dolly du Bourg II.'s Grandson**
Sire *Nugget of Dunn County Guernsey Farm* (22209)
Dam *Imp. Duchess of Rose Farm IV.* (40373)
Born—Dec. 8, 1915
Breeder and owner:
Mrs. S. C. Langdell, Eau Claire, Wis.

37934 **Half the Herd**
Sire *Nugget of Dunn County Guernsey Farm* (22209)
Dam *Imp. May Queen II. of Diamond Farm* (40385)
Born—Feb. 10, 1916
Breeder and owner:
Mrs. S. C. Langdell, Eau Claire, Wis.

37935 **Atolla's King of Lake Farm**
Sire *Charmante's Rose King* (11746)
Dam *Atolla of Hilltown* (21292)
Born—Jan. 30, 1916
Breeder—R. F. Whitmer, Hatboro, Pa.
Owner—Charles W. Curtis, Marlboro, Mass.

37936 **Thelma's Rose King of Lake Farm**
Sire *Charmante's Rose King* (11746)
Dam *Thelma's Princess of Hickory Hill* (44345)
Born—March 26, 1916
Breeder—R. F. Whitmer, Hatboro, Pa.
Owner—Charles W. Curtis, Marlboro, Mass.

37937 **Rex of City View**
Sire *Bell Buoy of Linda Vista* (19430)
Dam *Heatherbloom of Hickory Hill* (37057)
Born—Oct. 10, 1915
Breeder and owner:
O. R. Schwalen, Roberts, Wis.

37938 **Walley of City View**
Sire *Bell Buoy of Linda Vista* (19430)
Dam *Susan of Grenwode* (42753)
Born—Nov. 13, 1915
Breeder and owner:
O. R. Schwalen, Roberts, Wis.

37939 **Silver Leaf Paul**
Sire *Delma's Prince* (21050)
Dam *Silver Leaf Loretta* (50032)
Born—Dec. 22, 1915
Breeder and owner:
Henry Aulenbrock, Effingham, Ill.

37940 **Lynn of West Prairie**
Sire *Princess of the Blicqs's King* (20548)
Dam *Linnea* (36101)
Born—Oct. 21, 1915
Breeder and owner:
C. Christensen, West Prairie, Wis.

37941 **King Paris of West Prairie**
Sire *Princess of the Blicqs's King* (20548)
Dam *Lady Paris* (42637)
Born—Oct. 29, 1915
Breeder and owner:
C. Christensen, West Prairie, Wis.

37942 **Prince of Lyons**
Sire *Prince of the Pines* (31496)
Dam *Mollie Lyons* (35979)
Born—Oct. 15, 1915
Breeder and owner:
Albert L. Kasper, Lancaster, Wis.

37943 **Duke Lanarkus of Lancaster**
Sire *Lanarkus* (17200)
Dam *Wellsmere Pride* (37834)
Born—Oct. 30, 1915
Breeder and owner:
Albert L. Kasper, Lancaster, Wis.

37944 **Hambro's Ida's Luther Sequel of La Harpe**
Sire *Ouida's Sequel* (24350)
Dam *Hambro's Ida of Coldspring* (47744)
Born—March 5, 1916
Breeder and owner:
F. B. Churchill, La Harpe, Ill.

37945 **Happy Bachelor**
Sire *Corinna White 2d's May Rose King* (16495)
Dam *Jennie of La Grange* (38497)
Born—Oct. 14, 1915
Breeder and owner:
J. M. Sumner, Akron, Ohio.

37946 **May King of Sun Set View**
Sire *May King's Benton of Ingleside* (25701)
Dam *Dora Belle* (31834)
Born—Feb. 7, 1916
Breeder—J. H. Benham, Seymour, Conn.
Owner—O. E. Carrington, Bethany, Conn.

37947 **Lorna's King of Grenwode**
Sire *Glenwood's King Coral* (21027)
Dam *Lorna of Grenwode* (33267)
Born—Oct. 5, 1914
Breeder and owner:
E. R. Whitcomb, Whitefish Bay, Wis.

37948 **Banquo**
Sire *Woodrow W.* (23577)
Dam *Imp. Blackberry of Sarnia* (50874)
Born—Aug. 26, 1915
Twin with unregistered female.
Breeder—F. H. Wilke, Eau Claire, Wis.
Owner—C. L. Hatch, Eau Claire, Wis.

37949 **Lucky Dick of Dousman**
Sire *Richmond Signor* (18652)
Dam *Dousman's Lucky Lassie* (36975)
Born—Sept. 17, 1915
Breeder and owner:
H. N. Longley, Dousman, Wis.

37950 **Admiral Dick**
Sire *Richmond Signor* (18652)
Dam *Imp. Adele of Sarnia* (40226)
Born—Oct. 18, 1915
Breeder and owner:
H. N. Longley, Dousman, Wis.

37951 **Crystal Hillside**
Sire *Lord's Hillside Prince* (25800)
Dam *Tango Girl* (50905)
Born—Nov. 9, 1915
Breeder and owner:
Thomas H. Evans, Wales, Wis.

37952 **Indiana Boy of Oak Ridge**
Sire *Yeksa Boy of Fern Ravine* (14046)
Dam *Florence of Maple Grove* (26792)
Born—Sept. 27, 1915
Breeder and owner:
J. H. Becker, Fort Atkinson, Wis.

37953 **Starlight Boy of Oak Ridge**
Sire *Starlight King of Rock* (19749)
Dam *Marilla's Queen of Oak Ridge* (44057)
Born—Sept. 28, 1915
Breeder and owner:
J. H. Becker & Son, Fort Atkinson, Wis.

37954 **King Starlight of Oak Ridge**
Sire *Starlight King of Rock* (19749)
Dam *Florence of Oak Ridge* (38999)
Born—Sept. 30, 1915
Breeder and owner:
J. H. Becker, Fort Atkinson, Wis.

37955 **Stranford Boy of Oak Ridge**
Sire *Yeksa Boy of Fern Ravine* (14046)
Dam *Derilisey of Oak Ridge* (28870)
Born—Oct. 3, 1915
Breeder and owner:
J. H. Becker & Son, Fort Atkinson, Wis.

37956 **Athenian of Oak Ridge**
Sire *Yeksa Boy of Fern Ravine* (14046)
Dam *Queen of Oak Ridge* (28593)
Born—Nov. 30, 1915
Breeder and owner:
J. H. Becker & Son, Fort Atkinson, Wis.

37957 **Pearl's Surprise of Grand View**
Sire *Emerita 2d's Son* (16157)
Dam *Fortune's Pearl* (37037)
Born—March 1, 1916
Breeder and owner:
A. O. Malmquist, Grove City, Minn.

37958 **Lovely Maud's St. Patrick**
Sire *Calabria's May Rose King* (22581)
Dam *Lovely Maud of Crystal Brook* (43611)
Born—March 17, 1916
Breeder and owner:
G. E. Blair, Wadena, Minn.

37959 **Atlasta Rube**
Sire *Imp. Atlasta Governor* (24823)
Dam *Imp. Career of Sarnia* (46578)
Born—Sept. 27, 1915
Breeder and owner:
C. T. Bundy, Eau Claire, Wis.

37960 **Rosy's Killarney Boy**
Sire *King Galaxy of Walter Maple* (23720)
Dam *Rosy of Ulao* (40128)
Born—March 3, 1916
Breeder—Robert Clausing, Port Washington, Wis.
Owner—Rob R. McNagny, Columbia City, Ind.

37961 **Belle's Major of Guernsey Hill**
Sire *Major of Pleasant View* (16576)
Dam *Belle of Guernsey Hill* (28865)
Born—Nov. 2, 1915
Breeder and owner:
Roy J. Coombe, Troy Center, Wis.

37962 **Lucy's Major of Guernsey Hill**
Sire *Major of Pleasant View* (16576)
Dam *Little Lucy* (28863)
Born—Nov. 2, 1915
Breeder and owner:
Roy J. Coombe, Troy Center, Wis.

37963 **Borst's Prince**
Sire *Woodrow Wilks* (27981)
Dam *Lady Crom Horn* (47491)
Born—Dec. 22, 1915
Breeder and owner:
Ernest C. Borst, Cobleskill, N. Y.

37964 **Daisy of Maple Lawn 4th's Bonnie Boy**
Sire *Countess Bonnie Boy of Harriton* (18061)
Dam *Daisy of Maple Lawn 4th* (26913)
Born—Jan. 24, 1916
Breeder and owner:
Thomas Briggs, Newtown, Pa.

37965 **Bonnie's Prince of Lakeside**
Sire *Aldero* (19392)
Dam *Bonnie Cleopatra* (51406)
Born—Nov. 30, 1915
Breeder—G. W. Jacob, Clayton, Mich.
Owner—A. Hatt & Son, Napoleon, Mich.

37966 **Beatrice's Christmas Lad of Keewaydin**
Sire *Imp. Souvenir de l'Etiennerie* (21925)
Dam *Imp. Beatrice des Belles* (28260)
Born—Dec. 25, 1915
Breeder and owner:
Elbert H. Baker, Gates Mill, Ohio.

37967 **Jethon, Jr.**
Sire *Jethon* (18984)
Dam *Duke's Lillian* (33163)
Born—Sept. 12, 1915
Breeder and owner:
Bishop & Brown, Eau Claire, Wis.

37968 **Lightning of Longmeadow Farm**
Sire *Wilson's Paul of Fox Run* (18490)
Dam *Susie Pamela* (41716)
Born—Sept. 6, 1915
Breeder and owner:
H. A. Leighton, Woodsville, N. H.

37969 **Newton M. Buckley**
Sire *Achsah's Vermont Anchor* (21758)
Dam *Minnie Buckley* (36081)
Born—Sept. 2, 1915
Breeder and owner:
Irving W. Bates, East Barre, Vt.

37970 **Marion of M. B.'s Prince**
Sire *Daisy Mahy's King* (22148)
Dam *Marion of M. B.* (41784)
Born—Nov. 2, 1915
Breeder and owner:
Henry Bandli, Rice Lake, Wis.

37971 **Kaiser of Silver Lake Fruit Farm**
Sire *Fisher Marshall* (23568)
Dam *Norton's Pride* (18398)
Born—Oct. 21, 1915
Breeder—D. L. Newman, East Wilton, Maine.
Owner—A. C. Macomber, Wilton, Maine.

37972 **Buttercup's King of Fairbanks**
Sire *Masherette's King of the May* (25298)
Dam *Beulah's Buttercup* (46828)
Born—Aug. 18, 1915
Breeder and owner:
Oscar Holm, Tigerton, Wis.

37973 **Joe of Bercado Farm**
Sire *Joe of Irvin Place* (26219)
Dam *Zamona* (16410)
Born—May 5, 1915
Breeder and owner:
F. G. Eberhart, Mishawaka, Ind.

37974 **Sherwood of Bercado Farm**
Sire *Nina's Sequel* (25765)
Dam *Charlotte of Irvin Place* (40566)
Born—June 5, 1915
Breeder and owner:
F. G. Eberhart, Mishawaka, Ind.

37975 **Marshwood of Bercado Farm**
Sire *Glenwood Marshall, Jr.'s Son* (19970)
Dam *Helen of Irvin Place* (45389)
Born—June 24, 1915
Breeder and owner:
F. G. Eberhart, Mishawaka, Ind.

37976 **Prince Sunshine**
Sire *Princess Deasie's Son* (28148)
Dam *Yeksa Sunburst 2d* (40590)
Born—Jan. 18, 1916
Breeder and owner:
North Dakota Agricultural College, Fargo, N. Dak.

37977 **Raymond's Ladysmith's Boy**
Sire *Ne Plus Ultra 4th* (29328)
Dam *Imp. Raymond's Ladysmith* (48469)
Born—Jan. 2, 1916
Breeder—J. L. Hope, Madison, N. J.
Owner—John P. Crozer, Upland, Pa.

37978 **Sailor Boy Jim**
Sire *Imp. Sailor Boy* (28600)
Dam *Miss Florham* (24169)
Born—Feb. 15, 1916
Breeder and owner:
John P. Crozer, Upland, Pa.

37979 **Durant's Golden of West Farm**
Sire *Golden Chance of Pencoyd* (24302)
Dam *Imp. Nellie IV. of le Mont Durant* (47094)
Born—March 24, 1916
Breeder and owner:
John P. Crozer, Upland, Pa.

37980 **Archer of Brooklawn**
Sire *King Masher of Chilmark* (27643)
Dam *Archeen* (36261)
Born—Feb. 2, 1916
Breeder—V. Everit Macy, Ossining, N. Y.
Owner—D. H. McAlpin, Morris Plains, N. J.

37981 **Governor of Oakwood Farm**
Sire *Morven's l'Etiennerie Prince* (30753)
Dam *Lenfestey's Belle* (59013)
Born—Aug. 13, 1915
Breeder and owner:
Westmoreland Davis, Leesburg, Va.

37982 **Rosemont's Royal Leader**
Sire *Royal Blue* (23277)
Dam *Imp. Tourterelle XI.* (21036)
Born—Nov. 9, 1915
Breeder and owner:
Westmoreland Davis, Leesburg, Va.

37983 **France's Spotswood of Clifton**
Sire *Morven's France's Excelsior* (33867)
Dam *Imp. Spotswood Lady Nesta* (20291)
Born—Nov. 11, 1915
Breeder and owner:
Westmoreland Davis, Leesburg, Va.

37984 **Phoebe's Bonny Boy of Brookside**
Sire *King Edward's Grandson* (20194)
Dam *Phoebe of Brookside* (40950)
Born—Nov. 30, 1915
Breeder and owner:
R. A. Naginey, Milroy, Pa.

37985 **Sir Galaxy**
Sire *Galaxy's Mar* (20752)
Dam *Geraldine of Maple Ridge* (42274)
Born—Nov. 20, 1915
Breeder and owner:
W. W. Stoddard, Cortland, Ohio.

37986 **Sunbeam's King Masher**
Sire *King Masher's Laddie* (23467)
Dam *Alice Sunbeam* (43762)
Born—Sept. 25, 1915
Breeder and owner:
Roy Hackman, Marshallville, Ohio.

37987 **Fred of Iola**
Sire *Golden Lad of Iola* (18937)
Dam *Imp. Conqueror's Dairy Maid* (38522)
Born—Dec. 3, 1915
Breeder and owner:
Carl Faldet, Iola, Wis.

37988 **Park's Spot Son**
Sire *Rhea's King of the May* (14368)
Dam *Trislette's Spot* (18867)
Born—Jan. 3, 1916
Breeder and owner:
John H. Williams, Waukesha, Wis.

37989 **Cynthia's Pride**
Sire *Faithful Gyp* (28327)
Dam *Engineer's Cynthia's Maid* (43317)
Born—Oct. 11, 1915
Breeder and owner:
D. L. Williams, Waukesha, Wis.

37990 **Rouge's Gay Lad of Wern Farm**
Sire *Rhea's King of the May* (14368)
Dam *Imp. Rouge V. of the Cloture* (35463)
Born—Oct. 28, 1915
Breeder and owner:
D. L. Williams, Waukesha, Wis.

37991 **Maria's Boy**
Sire *Rhea's King of the May* (14368)
Dam *Maria of Shady Gulch* (39119)
Born—Oct. 30, 1915
Breeder and owner:
D. L. Williams, Waukesha, Wis.

37992 **Mosella's Yeksa of Overlook**
Sire *Sunbeam's Yeksa of Chestnut Hill* (22300)
Dam *Mosella's Rose of Prospect* (15009)
Born—April 13, 1916
Breeder and owner:
E. Schweizer, Boston, Ohio.

37993 **Regent of Glencairne**
Sire *King of Chilmark* (20798)
Dam *Lucille of E.* (27316)
Born—Nov. 18, 1915
Breeder and owner:
R. H. L. Chichester, Fredericksburg, Va.

37994 **Bashful Lad**
Sire *Libby's Prince of Orange* (21874)
Dam *Lady Patty* (27157)
Born—Oct. 15, 1915
Breeder and owner:
W. A. Bullock, Barneveld, N. Y.

37995 **North Star Archer**
Sire *King Archer* (23835)
Dam *Dorothy Vernon* (39489)
Born—Nov. 10, 1915
Breeder—W. J. Dawson, La Crosse, Wis.
Owner—J. E. Fenton, Utica, Minn.

37996 **Show Boy of Linden Hill**
Sire *Imp. Chieftain of Les Chevaliers* (18419)
Dam *Miss Altina A.* (18218)
Born—March 8, 1915
Breeder—Roy C. Buzzell, Stanley, Wis.
Owner—Powers Bros., Owen, Wis.

37997 **Stella's King Masher**
Sire *King Masher's King* (24686)
Dam *Judge Paul's Stella* (38188)
Born—Dec. 25, 1915
Breeder—S. L. Dudley, West Salem, Wis.
Owner—H. W. Griswold, West Salem, Wis.

37998 **Adolphus of Maple Lawn**
Sire *Warwick Peach Blow* (24257)
Dam *Rosy's Lady Helen* (21449)
Born—Feb. 27, 1916
Breeder and owner:
Frank H. Corey, King Ferry, N. Y.

37999 **Weyman's Pride**
Sire *Princess Corinna 2d's King* (18017)
Dam *Rosette of Crystal Creek* (37969)
Born—Dec. 4, 1915
Breeder and owner:
C. R. Stoner, New Berlin, Ohio.

38000 **Junior of Stony Hill Farms**
Sire *Imp. Spotswood Sequel* (9686)
Dam *Imp. Primrose of Edgewater* (31891)
Born—Sept. 5, 1915
Breeder and owner:
Joseph T. Speer, Garrettsville, Ohio.

38001 **Fair Oaks Ajax**
Sire *Lady Vanity's King of Oak Lawn* (23770)
Dam *Hildred 3d* (45560)
Born—Oct. 4, 1915
Breeder—W. F. Rather & Son, Peebles, Wis.
Owner—Armand P. Rather, Peebles, Wis.

38002 **Fair Oaks Admiral**
Sire *Imp. Silver King of the Isle* (14363)
Dam *Lelah Darling* (26154)
Born—Oct. 12, 1915
Breeder—W. F. Rather & Son, Peebles, Wis.
Owner—Armand P. Rather, Peebles, Wis.

38003 **Fair Oaks Alex**
Sire *Lady Vanity's King of Oak Lawn* (23770)
Dam *Silver Darling of Oak Lawn* (48862)
Born—Nov. 11, 1915
Breeder—W. F. Rather & Son, Peebles, Wis.
Owner—Armand P. Rather, Peebles, Wis.

38004 **Fair Oaks Arthos**
Sire *Imp. Silver King of the Isle* (14363)
Dam *Tricksey Girl* (48860)
Born—Nov. 17, 1915
Breeder—W. F. Rather & Son, Peebles, Wis.
Owner—Armand P. Rather, Peebles, Wis.

38005 **Fair Oaks Abetter**
Sire *Imp. Silver King of the Isle* (14363)
Dam *Hildred 2d* (48859)
Born—Nov. 19, 1915
Breeder—W. F. Rather & Son, Peebles, Wis.
Owner—Armand P. Rather, Peebles, Wis.

38006 **Florham Kultur**
Sire *Ne Plus Ultra* (15265)
Dam *Beldame 4th* (31151)
Born—Oct. 10, 1915
Breeder and owner:
J. L. Hope, Madison, N. J.

38007 **Adelaide's Conqueror of State Line Farm**
Sire *Villiaze Conqueror* (22150)
Dam *Adelaide of Maplehurst* (20795)
Born—Dec. 23, 1915
Breeder and owner:
R. H. Morrison, Burghill, Ohio.

38008 **Hickory Grove's Rufus**
Sire *Dairymaid's Standard of Iowa* (28946)
Dam *Trude of Hickory Grove* (45081)
Born—Oct. 11, 1915
Breeder and owner:
T. J. Wright, Mauston, Wis.

38009 **Hickory Grove's Peter**
Sire *Dairymaid's Standard of Iowa* (28946)
Dam *Daisy's Babe* (45084)
Born—Oct. 17, 1915
Breeder and owner:
T. J. Wright, Mauston, Wis.

38010 **Hickory Grove's Amos**
Sire *Dairymaid's Standard of Iowa* (28946)
Dam *Suke of Hickory Grove* (45082)
Born—Oct. 20, 1915
Breeder and owner:
T. J. Wright, Mauston, Wis.

38011 **Hickory Grove's Standard**
Sire *Dairymaid's Standard of Iowa* (28946)
Dam *Lulu of Hickory Grove* (50887)
Born—Nov. 4, 1915
Breeder and owner:
T. J. Wright, Mauston, Wis.

38012 **Elmendorf's Lord Bright**
Sire *Imp. Lord Mar V.* (18961)
Dam *Imp. Honor Bright of the Isle* (35335)
Born—Jan. 1, 1915
Breeder—J. B. Haggin, Lexington, Ky.
Owner—Est. J. B. Haggin, Lexington, Ky.

38013 **Lord Rougette**
Sire *Imp. Lord Mar V.* (18961)
Dam *Imp. Rougette of the Isle* (35349)
Born—Jan. 3, 1915
Breeder—J. B. Haggin, Lexington, Ky.
Owner—Est. J. B. Haggin, Lexington, Ky.

38014 **Blue Grass Lad**
Sire *Lord Mar of Elmendorf* (32447)
Dam *Blue Grass Belle* (56496)
Born—Jan. 13, 1916
Breeder and owner:
Est. J. B. Haggin, Lexington, Ky.

38015 **Storm King of Elmendorf**
Sire *Imp. Storm King of the Isle* (18962)
Dam *Imp. Victoria Cross of the Isle* (35338)
Born—Feb. 8, 1916
Breeder and owner:
Est. J. B. Haggin, Lexington, Ky.

38016 **Elmendorf's Laddie**
Sire *Carpenter of Elmendorf* (23971)
Dam *Rose of Elmendorf* (43182)
Born—Feb. 28, 1916
Breeder and owner:
Est. J. B. Haggin, Lexington, Ky.

38017 **Peterkin of Edgemere**
Sire *Florham Laddie* (20431)
Dam *Masher's Pretoria of Maple Glen* (49228)
Born—Nov. 16, 1915
Breeder—L. L. Coggshall, Locke, N. Y.
Owner—F. E. Woodruff, Binghamton, N. Y.

38018 **Mixter Granger**
Sire *Mixter Demonstrator* (27481)
Dam *Annaretta of Mixter Farm* (47061)
Born—March 26, 1915
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

38019 **Mixter Countryman**
Sire *Mixter Demonstrator* (27481)
Dam *Mixter Red Wing* (48399)
Born—June 18, 1915
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

38020 **Mixter of Longmeadow**
Sire *Langwater Demonstrator* (16451)
Dam *Grace of Mixter Farm* (47064)
Born—Aug. 19, 1915
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

38021 **Mixter's Demonstrator of the Orchards**
Sire *Langwater Demonstrator* (16451)
Dam *Thirty Thousand Six Hundred Fifty Seven* (30657)
Born—May 6, 1914
Breeder and owner:
Est. George Mixter, Hardwick, Mass.

38022 **Pharsalia of De Ruyter Stock Farm**
Sire *Jewel's Masher of Fairview* (14934)
Dam *Bluebell of De Ruyter Stock Farm 2d* (37041)
Born—April 30, 1915
Breeder and owner:
P. L. Dwight, De Ruyter, N. Y.

38023 **Queen's Uno of Maple Dale**
Sire *Rita's Billy France* (22273)
Dam *Golden Queen of Fern Ravine* (49279)
Born—Sept. 18, 1915
Breeder and owner:
A. A. Salzman, Kiel, Wis.

38024 **Saydy's Prince of Oaklawn**
Sire *Violet's Anchor* (19861)
Dam *Imp. Saydy of Iowa* (35978)
Born—Dec. 4, 1915
Breeder and owner:
T. J. Horton, North Branch, Minn.

38025 **Cosden of Glenmore**
Sire *King of the Meadow* (25628)
Dam *Cora Calvert* (21000)
Born—Oct. 9, 1915
Breeder and owner:
Est. Louis McLane, Brooklandville, Md.

38026 **Beauty's Duke**
Sire *Myrtlewood's Duke* (25236)
Dam *Beauty Maid of Brodhead* (43300)
Born—Dec. 31, 1915
Breeder and owner:
Garfoot Bros., Cross Plains, Wis.

38027 **Joe Bloom**
Sire *Dimple Bloom 5th* (22782)
Dam *Village Girl's Daisy Bloom* (52118)
Born—Feb. 7, 1916
Breeder and owner:
O. E. Cherington, Catawissa, Pa.

38028 **Gipsy's Jester, Jr.**
Sire *Gipsy's Jester* (22922)
Dam *Maud of Birchton* (32230)
Born—April 12, 1913
Breeder and owner:
Herbert L. Washburn, Fort Edward, N. Y.

38029 **Raider Yeksa Q.**
Sire *William Yeksa Q.* (28443)
Dam *Maid of Meadowbrook* (22847)
Born—Oct. 16, 1915
Breeder and owner:
W. B. Quarton, Algona, Iowa.

38030 **Joe Boy Clairvoyante**
Sire *Clairvoyante's Charley K.* (28015)
Dam *Trimona 2d* (44300)
Born—Dec. 5, 1915
Breeder and owner:
James W. Urie, Kennedyville, Md.

38031 **Sequel's Lucky Boy 4th**
Sire *Imp. Sequel's Lucky Boy* (18993)
Dam *Auburn Beauty 5th* (37340)
Born—March 21, 1916
Breeder and owner:
B. J. Dodge, Verona, N. Y.

38032 **Iva's Robin Bud**
Sire *Robinson* (20419)
Dam *Iva Corellia* (39780)
Born—Sept. 12, 1915
Breeder—J. O. Tretsven, Milltown, Wis.
Owner—Christian Tretsven, Milltown, Wis.

38033 **Fillmore's Rajah**
Sire *Langwater Rajah* (23618)
Dam *Fillmore's Queen Ann* (39165)
Born—April 22, 1914
Breeder and owner:
Charles H. Jones, Wellesley Farms, Mass.

38034 **Glenwood's Romeo**
Sire *Glenwood's Reputation 28th* (17244)
Dam *Imp. Glorietta* (19749)
Born—Oct. 24, 1915
Breeder and owner:
Mrs. R. C. Holcomb, Oconomowoc, Wis.

38035 **Saylor's Panama Masher**
Sire *Saylor's Juniper Masher's Sequel* (28029)
Dam *Saylor's Cherry Sequel* (51266)
Born—Oct. 21, 1915
Breeder and owner:
William H. Saylor, San Francisco, Cal.

38036 **Ames Rouge**
Sire *Imp. Rouge II.'s Son* (18587)
Dam *Imp. Parsons' Snowdrop IV.* (39561)
Born—Jan. 12, 1916
Breeder and owner:
Iowa State College, Ames, Iowa.

38037 **Governor Sunny of Riverdale Farms**
Sire *Imp. McKerrow's Herald Governor* (30404)
Dam *Sunshine of Fern Ravine* (21548)
Born—Dec. 28, 1915
Breeder—Fred Vogel, Jr., Milwaukee, Wis.
Owner—John Clausing, Thiensville, Wis.

38038 **Captain Mac of Oildale Farm**
Sire *Highland Don* (24473)
Dam *Imp. Wickham Musette* (32433)
Born—Oct. 28, 1915
Breeder—Ira McJunkin, Butler, Pa.
Owner—C. E. Blaney, Butler, Pa.

38039 **Varge of Spruce Lane**
Sire *Katharine's May King* (26596)
Dam *Flora of Pearl Hill* (28901)
Born—Oct. 10, 1915
Breeder and owner:
W. D. Sandman, Holmen, Wis.

38040 **George Webster**
Sire *Imp. Valentine's Squire* (28093)
Dam *Moneda of Webster* (23876)
Born—March 25, 1916
Breeder—Albert C. Loring, Minneapolis, Minn.
Owner—Fritz Stradtmann, Glencoe, Minn.

38041 **Halla's King of Ingleside**
Sire *Pretoria's King of Midlothian* (22641)
Dam *May King's Halla of Ingleside* (48691)
Born—Oct. 23, 1915
Breeder and owner:
T. W. Brophy, Edison Park, Ill.

38042 **Eliane's May King Glenwood of Ingleside**
Sire *May King Glenwood of Ingleside* (27835)
Dam *Golden Eliane* (20425)
Born—Nov. 4, 1915
Breeder and owner:
T. W. Brophy, Edison Park, Ill.

38043 **Dandy of the Ramond**
Sire *King's Itchen King* (24661)
Dam *Raymond's Lady Sunbeam* (48290)
Born—Oct. 12, 1915
Breeder—C. G. Wilderson & G. W. Love, Leetonia, Ohio.
Owner—F. C. Gearhart, Crestline, Ohio.

38044 **Miss Helen's Pride**
Sire *Pauline Spotswood's Paddy* (20547)
Dam *Helen of Grandview* (38032)
Born—Nov. 23, 1915
Breeder and owner:
Fred Giddings, North Adams, Mich.

38045 **Hermione's Prince of Cozy Home**
Sire *Golden Noble's Pride of Windermere* (28378)
Dam *Hermione of Windermere* (51023)
Born—Oct. 29, 1915
Breeder—J. K. Blatchford, Watervliet, Mich.
Owner—O. M. Worster, Warren, Ind.

38046 **Dairymaid's Golden Lad of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* (28187)
Dam *Glenwood's Dewdrop of Fox Valley* (44745)
Born—Oct. 10, 1915
Breeder and owner:
C. J. Kuhtz & Sons, Waukesha, Wis.

38047 **Arlington**
Sire *Squire of Oakdale* (21041)
Dam *Imp. Charmeuse of Sarnia* (46581)
Born—Nov. 9, 1915
Breeder and owner:
J. E. Matsen, Kingston, Minn.

38048 **Penland's Choice**
Sire *Coddle Creek Star* (20571)
Dam *Clentine* (49043)
Born—Dec. 6, 1915
Breeder and owner:
C. G. Hoover, Mooresville, N. C.

38049 **Honesdale Emperor**
Sire *Imp. Royal Governor II. of the Gron* (14501)
Dam *Imp. Hubits Maid II.* (40391)
Born—Nov. 19, 1915
Breeder and owner:
F. J. Hones, Colfax, Wis.

38050 **Imp. Hayes Gay Boy of Edgemoor**
Sire *Langley Gay Boy* (2474 E. G. H. B.)
Dam *Imp. Hayes Felois 10th* (59868)
Born—Jan. 21, 1916
Imp. in dam.
Breeder—Sir Everard A. Hambro, England.
Owner—W. H. Dupee, Santee, Cal.

38051 **Red Wing Sequel's Prince**
Sire *Red Wing's Monogram's Sequel* (27551)
Dam *Governor's Memorial Rose* (45991)
Born—Aug. 20, 1915
Breeder and owner:
A. I. & J. Hughes, Oregon City, Oregon.

38052 **Lily's Pearl's Skeezicks**
Sire *Rob Glenwood* (15220)
Dam *Lily's Pearl* (44931)
Born—March 24, 1915
Breeder and owner:
Albert Einfeldt, Greenwood, Wis.

38053 **Jane's Golden Duke**
Sire *Lord's Golden Duke* (19085)
Dam *Miss Jane* (20511)
Born—Oct. 30, 1915
Breeder and owner:
Albert Einfeldt, Greenwood, Wis.

38054 **Golden Bessie's King**
Sire *King of Burkeville* (20238)
Dam *Golden Bessie* (38446)
Born—May 7, 1915
Breeder and owner:
E. E. Smith & Son, Shepard, Ohio.

38055 **Renold's Governor**
Sire *Lassie's Pride of Locust Hill* (23571)
Dam *Mary Beth* (29787)
Born—June 17, 1915
Breeder and owner:
W. D. Phelps, Columbus, Ohio.

38056 **Royal Prince of Pleasant View**
Sire *Golden May King of Springside* (27833)
Dam *Royal Gem of Springside* (43053)
Born—Oct. 4, 1915
Breeder and owner:
Harry B. Shenk, Manheim, Pa.

38057 **Prince of Bestul Lake**
Sire *Prince Elderon of Lake View* (20104)
Dam *Princess Eunice* (31038)
Born—Feb. 28, 1916
Breeder and owner:
Carl O. Doxrud, Nelsonville, Wis.

38058 **Muggsy from Lowe Creek**
Sire *St. John of the Oaks* (21065)
Dam *Mabel of Deronda* (21108)
Born—Dec. 3, 1915
Breeder and owner:
John Engleman, Hixton, Wis.

38059 **Skeezicks Prince of Pine Dale**
Sire *Pine Dale* (19651)
Dam *Skeezicks's Princess* (40773)
Born—March 27, 1916
Breeder and owner:
Paul Kickbusch, Wausau, Wis.

38060 **Penstates Cena's King**
Sire *King of Barrington* (21693)
Dam *Cena's Selectrina* (17337)
Born—Aug. 16, 1914
Breeder and owner:
The Pennsylvania State College, State College, Pa.

38061 **Oak Mound King**
Sire *Glorious of Fairview* (22759)
Dam *Flossie Lehigh* (36563)
Born—Nov. 18, 1915
Breeder and owner:
W. F. Miller, West Salem, Wis.

38062 **King Giloola of Manomet**
Sire *Golden Dream of Imp. Bon Espoir XII.* (25183)
Dam *Giloola's May Rose Princess* (45023)
Born—Nov. 17, 1915
Breeder and owner:
C. A. Stone, Plymouth, Mass.

38063 **Prince Cleo**
Sire *Janetius's Luecicero* (24627)
Dam *Endymion's Princess* (45601)
Born—Nov. 4, 1915
Breeder and owner:
W. H. Hanchett, Sparta, Wis.

38064 **Lueigo**
Sire *Janetius's Luecicero* (24627)
Dam *Endymion's Eglantine* (43925)
Born—Nov. 22, 1915
Breeder and owner:
B. L. Hanchett, Sparta, Wis.

38065 **King of Flora**
Sire *Glenwood Boy of Utility* (20676)
Dam *Bessie of the Lone Oak* (37655)
Born—Nov. 18, 1915
Breeder and owner:
J. A. Swoveland, Ohio City, Ohio.

38066 **Financier of Bon Ayre**
Sire *C. Q. D.* (15156)
Dam *Principia's Flora* (25338)
Born—Dec. 15, 1915
Breeder and owner:
H. W. Wigman, Lansing, Mich.

38067 **Guy Select**
Sire *Guydette's Select* (16614)
Dam *Mary's Ideal* (38738)
Born—Nov. 22, 1915
Breeder—Nixon Bros., Butler, Pa.
Owner—Joseph Carson, Speers, Pa.

38068 **Christmas's Billy Sunday**
Sire *Billy Sunday* (20177)
Dam *Christine of Willow Brook* (51053)
Born—Dec. 31, 1915
Breeder and owner:
Est. W. L. Thompson, East Liverpool, Ohio.

38069 **Belle's Secret**
Sire *Snowden of Pencoyd* (27843)
Dam *Springvista's Belle* (46606)
Born—Feb. 6, 1916
Breeder and owner:
L. S. Murat, Scandinavia, Wis.

38070 **Magnolia's Glenwood of Chippewa**
Sire *Stranford's Glenwood of Pinehurst 6th* (16484)
Dam *Magnolia of Chippewa* (44353)
Born—Jan. 24, 1916
Breeder and owner:
L. P. Martiny, Chippewa Falls, Wis.

38071 **Rondelle's Duke of Floyd**
Sire *Dolsey's Yeksa Prince* (17537)
Dam *Imp. Rondelle du Courtil Ronchin* (34348)
Born—Oct. 10, 1915
Breeder and owner:
D. W. Grotenhuis, Hospers, Iowa.

38072 **Hattie's Pride**
Sire *Aligo's Pride* (21439)
Dam *Hattie Glenwood* (35923)
Born—Dec. 11, 1915
Twin with bull No. 39550.
Breeder and owner:
National Farm School, Farm School, Pa.

38073 **Saleem**
Sire *Prince Barber* (18734)
Dam *Ruby of Hickory Dell* (42133)
Born—Feb. 8, 1916
Breeder and owner:
Mrs. Emma G. Ayers, Dallas, Pa.

38074 **Franc Riley of Knollwood Farm**
Sire *Prince Alfred Chêne of Ayersdale* (29002)
Dam *Lady Fern of Hickory Dell* (33426)
Born—Feb. 27, 1916
Breeder and owner:
Mrs. Emma G. Ayers, Dallas, Pa.

38075 **Lady Shasta's Masher**
Sire *Prince Masher of Springside* (25441)
Dam *Lady Shasta* (27423)
Born—Sept. 30, 1915
Breeder and owner:
Harvey W. Shuey, Lebanon, Pa.

38076 **Prince of Interlochs**
Sire *Commodore's Prince* (29751)
Dam *Queen of Interlochs* (42456)
Born—Dec. 4, 1915
Breeder and owner:
F. C. Kay, Pueblo, Colo.

38077 **Fern's Laddie of Eden Springs**
Sire *Excelsior of Linwood* (27513)
Dam *Lady Fern of Eau Claire* (44388)
Born—May 5, 1916
Breeder and owner:
Benjamin and Mary Purnell, Benton Harbor, Mich.

38078 **Judge Hill**
Sire *Jaquemart of Riverside Farm* (19558)
Dam *Fluffy Hill* (29923)
Born—June 23, 1915
Breeder and owner:
Frank R. Sweet, Attleboro, Mass.

38079 **Emican**
Sire *Easter's Governor* (22599)
Dam *Bonny Emerita* (34583)
Born—Oct. 11, 1915
Breeder and owner:
John C. Higgins, Delaware City, Del.

38080 **Myrtle's Governor**
Sire *Easter's Governor* (22599)
Dam *Myrtle's France 2d* (41215)
Born—Dec. 20, 1915
Breeder and owner:
John C. Higgins, Delaware City, Del.

38081 **Chief of Middlebrook**
Sire *Imp. Hero of the Courtil au Préel* (13840)
Dam *Betty of Middlebrook* (25019)
Born—Dec. 14, 1915
Breeder and owner:
C. H. Zehnder, Allenhurst, N. J.

38082 **Sir Warwick Vauxbelets**
Sire *Ledyard's Warwick* (17299)
Dam *Imp. Mota of the Vauxbelets* (31630)
Born—Jan. 11, 1916
Breeder and owner:
Cornell University, Ithaca, N. Y.

38083 **Maplelawn Sequel**
Sire *Imp. Sequel's Treasure Trove* (30722)
Dam *Imp. Guernsey Daisy of Maplelawn* (48080)
Born—Oct. 8, 1915
Breeder and owner:
F. B. Rundell & R. Nicholson, Livingston, Wis.

38084 **Maplelawn Treasure**
Sire *Imp. Sequel's Treasure Trove* (30722)
Dam *Imp. Nell of Maplelawn* (48079)
Born—Oct. 10, 1915
Breeder and owner:
F. B. Rundell & R. Nicholson, Livingston, Wis.

38085 **Masher Knight of Farview**
Sire *Lleda's Masher of Bellmath* (21614)
Dam *Goldenrod of Westwood* (17891)
Born—March 27, 1916
Breeder and owner:
Reade Manroe, Red Creek, N. Y.

38086 **Raymond Pride of Pine Elder Farm**
Sire *Snowdrop's Raymond* (20854)
Dam *Blanchflower of Brookside* (60195)
Born—Oct. 8, 1915
Breeder and owner:
Peter Matthys, Barron, Wis.

38087 **Galore's Standard of Harbor Hill**
Sire *Azucena's Standard* (25537)
Dam *Chelly's Galore* (25929)
Born—Aug. 24, 1915
Breeder and owner:
Clarence H. Mackay, Roslyn, N. Y.

38088 **Fithian's Variety of Mapledale**
Sire *Glenwood's Main Stay 38th* (25495)
Dam *Ella W. of Lakeview 3d* (47432)
Born—Sept. 29, 1915
Breeder and owner:
S. C. Tremaine, Bridgeton, N. J.

38089 **Glenwood Marshall of Fairy Falls**
Sire *Glenwood of Maple Grove* (24829)
Dam *Elite Marshall of Woodend* (22583)
Born—Jan. 23, 1916
Breeder and owner:
John P. Nelson, Stillwater, Minn.

38090 **Her Majesty's Glendett**
Sire *Conqueror of Dunn County Guernsey Farm* (18161)
Dam *Her Majesty* (22145)
Born—Jan. 12, 1916
Breeder and owner:
F. B. Woodard, Bloomer, Wis.

38091 **Oak of Pleasant View**
Sire *Glenwood's Prince of Brook Hill* (18625)
Dam *Margarette of Pleasant View* (30340)
Born—Oct. 13, 1915
Breeder and owner:
A. C. Russell, Augusta, Wis.

38092 **Boyhed Rose Bud**
Sire *Squire of Elm Spring* (27141)
Dam *Pearl Rose Bud* (37633)
Born—July 6, 1915
Breeder—L. N. Becker, Dundas, Minn.
Owner—Mrs. Barbara M. Becker, Dundas, Minn.

38093 **Starlight King of Bailey Falls**
Sire *Nora's May King of Bailey Falls* (21759)
Dam *Glenwood Starlight* (27435)
Born—Oct. 8, 1915
Breeder and owner:
Bailey Falls Farm, Oglesby, Ill.

38094 **Hector Glenwood of Hill Side**
Sire *Francis Glenwood* (17416)
Dam *Speckle's Juanita* (39322)
Born—Nov. 17, 1914
Breeder and owner:
S. P. Johnson & Son, Frankfort, N. Y.

38095 **Walker Prilly**
Sire *Shoshone* (27815)
Dam *Orange of Hillside* (57561)
Born—Feb. 23, 1916
Breeder and owner:
Theodore Gloeckler, Portage, Wis.

38096 **Marie's Yeoman**
Sire *Glenwood Boy of Fern Ridge* (19600)
Dam *Nevada's Sweet Marie* (51786)
Born—Sept. 16, 1915
Breeder and owner:
University of Nevada, Reno, Nevada.

38097 **Bob King**
Sire *Sweet Alice King's Son* (8140)
Dam *Strong Anchor's Jessie of Locust Grove* (21139)
Born—May 2, 1914
Breeder and owner:
R. W. Holland, Bel Air, Md.

38098 **May King's Noble of Woody-Nook**
Sire *Dolly Dillon's May King of Ingleside* (17343)
Dam *Imp. Clatford Lady Mead 3d* (33701)
Born—May 8, 1915
Breeder and owner:
N. S. Heaney, Tabler, Okla.

38099 **Woodrow of Elm Farm**
Sire *King of Elm Farm* (26083)
Dam *Gem's Victoria 2d* (34692)
Born—Nov. 12, 1915
Breeder and owner:
John P. Rowe, Rochester, N. H.

38100 **Lila's Alton Lad**
Sire *Paul of Broadford* (16860)
Dam *Lila of Edgewood* (41469)
Born—Jan. 20, 1916
Breeder and owner:
C. A. Sherwood, Hilliards, Ohio.

38101 **Nora's King Rose of Bayside**
Sire *Pinecrest May Prince* (21427)
Dam *Nora of Hulmeville* (21917)
Born—Jan. 23, 1916
Breeder and owner:
Henry C. Everett, Boston, Mass.

38102 **Janette's Butter Boy**
Sire *Pearl's Raymond* (37231)
Dam *Masher's Janette of Sunnyside* (39183)
Born—Oct. 27, 1915
Breeder and owner:
Welby A. Updike, Millerton, Pa.

38103 **Pinkerton Chief**
Sire *Pinkerton of Concord* (21710)
Dam *Juno of Concord* (37703)
Born—Dec. 4, 1915
Breeder and owner:
B. C. White, Concord, N. H.

38104 **Pool Rock's Judge**
Sire *Togo's Jewel* (25832)
Dam *Jewel's Faith* (47719)
Born—May 9, 1915
Breeder and owner:
J. H. Parker, Dabney, N. C.

38105 **Sir Michael of Salem 2d**
Sire *Sir Michael of Salem* (23310)
Dam *Victoria's Pride* (34147)
Born—Oct. 15, 1914
Breeder and owner:
George H. Cable, North Salem, N. Y.

38106 **Captain's Laddie**
Sire *Captain Cedric* (25977)
Dam *Leone's Starlight* (18219)
Born—March 17, 1916
Breeder—Roy C. Buzzell, Stanley, Wis.
Owner—William Haag, Marshfield, Wis.

38107 **Duke of Orchard Bluff**
Sire *King James of Wasteland* (25382)
Dam *Violet of Locust Grove* (38950)
Born—Aug. 26, 1915
Breeder and owner:
W. W. Vandivort, Evans City, Pa.

38108 **Crown Prince of Fairview Farm**
Sire *St. Austell Supreme* (26483)
Dam *The Dairy Maid of Fairview Farm* (37989)
Born—Oct. 12, 1915
Breeder and owner:
Edwin Fuller, Jeddo, Mich.

38109 **Colonel Pride of Elmbrook**
Sire *Elmbrook's Reputation* (24152)
Dam *Leone's Lass* (40403)
Born—Oct. 23, 1915
Breeder—E. V. Kautsky, Colby, Wis.
Owner—E. J. Kautsky & Carrie Kautsky, Colby, Wis.

38110 **Sultan of Vinland**
Sire *Dexter of Vinland* (30036)
Dam *Maid of Vineland* (47315)
Born—Nov. 15, 1915
Breeder and owner:
A. O. McAllister, Neenah, Wis.

38111 **Captain Kidd of Goldenrod Meadows**
Sire *Juan Sanchez Azcona* (27650)
Dam *Flossy Martin 2d* (29539)
Born—Oct. 10, 1915
Breeder and owner:
A. H. Hinman, Allenville, Wis.

38112 **Duke Nichols of Cedar Brook Farm**
Sire *Prince Ellis of Lakeview* (19266)
Dam *Miss Nichols of Cuyuna* (39982)
Born—Sept. 25, 1915
Breeder and owner:
Graves & Murphy, Aitkin, Minn.

38113 **Star Face**
Sire *Goodwill's Raymond of the Préel* (14107)
Dam *Flaxie Frizzles* (21077)
Born—Aug. 8, 1915
Breeder—F. W. Kenyon, Nortonville, Kansas.
Owner—Sarah A. Wobbe, Uniontown, Kansas.

38114 **Belle Bishop's Lad of Lone Tree Farm**
Sire *Selma of Pinehurst 4th's Glenwood* (25849)
Dam *Belle Bishop* (37141)
Born—Feb. 9, 1916
Breeder—A. W. & R. O. Hargrave, Ripon, Wis.
Owner—Victor F. Lawson, Green Lake, Wis.

38115 **Pergue's Glory Boy**
Sire *Anna Dean Prince* (25752)
Dam *Gloria of Maple Glen* (40333)
Born—Feb. 2, 1915
Breeder and owner:
Sass Bros., Streator, Ill.

38116 **Masher's Marvel**
Sire *Imp. Mena's Masher* (17604)
Dam *Daisy G. of Sunnyside* (22957)
Born—Oct. 26, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

38117 **Masher's Fancy's King**
Sire *Imp. Mena's Masher* (17604)
Dam *Imp. Fancy's Star's Lily* (37146)
Born—Nov. 3, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

38118 **Golden Santa Claus**
Sire *Imp. Mena's Masher* (17604)
Dam *Mena's Golden Queen* (39969)
Born—Dec. 25, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

38119 **The Ideal Boy**
Sire *Overland's Chief* (29218)
Dam *The Ideal Lady* (49403)
Born—Dec. 27, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

38120 **May Royal's Grandson**
Sire *Overland's Chief* (29218)
Dam *Masher's Violet* (49402)
Born—Jan. 5, 1916
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

38121 **Golda's Endymion**
Sire *Kate T.'s Endymion* (20415)
Dam *Golda of Leon* (45878)
Born—Jan. 8, 1916
Breeder and owner:
E. C. Solberg, Leon, Wis.

38122 **Squire Rose Sequel of Boneka**
Sire *France May Rose* (19463)
Dam *Maid Sequel of Boneka* (42543)
Born—Nov. 27, 1915
Breeder and owner:
J. H. Hunter, Valley Falls, N. Y.

38123 **Francett of Shoshone**
Sire *Imp. Sequel's Honor Bright* (20816)
Dam *St. Amant of Lewison's Francetta* (31393)
Born—March 20, 1915
Breeder and owner:
B. C. Rumsey, Cody, Wyo.

38124 **Shoshone Sequel**
Sire *Imp. Sequel's Honor Bright* (20816)
Dam *King's Queen France* (32113)
Born—Aug. 1, 1915
Breeder and owner:
B. C. Rumsey, Cody, Wyo.

38125 **Bowditch of Shoshone**
Sire *Bowditch of Prospect* (27421)
Dam *Imp. Chywoone Milkmaid* (44539)
Born—Nov. 21, 1915
Breeder and owner:
B. C. Rumsey, Cody, Wyo.

38126 **Sequel's Rambler**
Sire *Countess Cottie's Sequel* (24941)
Dam *Echo's Lady Violet* (25231)
Born—Oct. 11, 1915
Breeder and owner:
J. C. George, Venedocia, Ohio.

38127 **Prince Howard of Fair View**
Sire *Howard of Fair View* (28090)
Dam *Princess Flower of Fair View* (54598)
Born—Oct. 15, 1915
Breeder and owner:
C. W. Buck, Eldorado, Wis.

38128 **Duke C.**
Sire *Sylvan King of the May* (29748)
Dam *Kitty Sherwood 2d* (31211)
Born—Jan. 30, 1916
Breeder and owner:
G. H. Wilson, Wyalusing, Pa.

38129 **King Donald**
Sire *Skidoo of Maplewood* (23744)
Dam *Ida West* (17683)
Born—Oct. 26, 1915
Breeder and owner:
J. R. Winchell & Son, Mount Tabor, Wis.

38130 **Ray Belle of Comodale**
Sire *Raymond of Trianon* (20598)
Dam *Imp. Belle of Sarnia* (35618)
Born—Nov. 14, 1915
Breeder and owner:
University of Minnesota, St. Paul, Minn.

38131 **Highland Warren Wood 5th**
Sire *Imp. Highland Warren Wood* (18090)
Dam *Sukine of Jefferson* (35921)
Born—Oct. 15, 1915
Breeder and owner:
J. A. Gregg, Butler, Pa.

38132 **Rockingham's Branford Gold King**
Sire *Rockingham* (18120)
Dam *Imp. Raymond's Cloth of Gold* (29395)
Born—Dec. 5, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

38133 **Osseo of Ganasadaga**
Sire *Stranford's Hiawatha* (18250)
Dam *Sequel's Nellie* (53384)
Born—Oct. 30, 1915
Breeder and owner:
W. E. Mills, Rose Hill, N. Y.

38134 **Manito of Ganasadaga**
Sire *Stranford's Hiawatha* (18250)
Dam *Imp. Lily de la Croix* (50275)
Born—Nov. 2, 1915
Breeder and owner:
W. E. Mills, Rose Hill, N. Y.

38135 **Glen Jewel's Prince**
Sire *Dolly's Suburban Boy* (24535)
Dam *Glen Jewel* (32566)
Born—Oct. 25, 1915
Breeder and owner:
Joseph Waugh, Watkins, N. Y.

38136 **Abe of Mineral Springs**
Sire *Chantecler* (16961)
Dam *Imp. Portia of Mineral Springs* (52333)
Born—Nov. 25, 1915
Breeder and owner:
W. M. Rundell, Livingston, Wis.

38137 **Lady Grace's Sheet Anchor**
Sire *Bob's Sheet Anchor* (32378)
Dam *Lady Grace of Fulton* (41886)
Born—March 16, 1916
Breeder and owner:
Edward Halsey, Cato, N. Y.

38138 **Hildreth of Prospect**
Sire *Falco's Ukiah* (28082)
Dam *Hilda of Prospect* (49681)
Born—April 10, 1916
Breeder and owner:
W. D. Hoard, Fort Atkinson, Wis.

38139 **Hilda's Lord of Lone Pine**
Sire *North Star of Wilruss* (26706)
Dam *Imp. Donnington Hilda* (32455)
Born—March 2, 1916
Breeder—J. S. Alexander, Wausau, Wis.
Owner—Walter Alexander, Wausau, Wis.

38140 **Glenwood's Reputation of Riverdale**
Sire *Imp. Westmoreland* (17918)
Dam *Margaret of West Salem* (21535)
Born—Nov. 29, 1915
Twin with cow No. 64323.
Breeder and owner:
William Nelson Pelouze, Oconomowoc, Wis.

38141 **Buster of Grand View Farm**
Sire *Blue Bell's Pride* (27194)
Dam *Lady of Dunn County Guernsey Farm* (45021)
Born—March 26, 1916
Breeder and owner:
John Schmitz, Hamel, Minn.

38142 **Preparedness of Fairmount**
Sire *Masterpiece of Tillybardin* (20890)
Dam *Fannie Fairmont* (19017)
Born—Oct. 13, 1915
Breeder and owner:
L. E. Scott, Stanley, Wis.

38143 **Rose's Golden Charmant**
Sire *Pride's Golden Charmant* (25423)
Dam *Rose of Oxford* (23363)
Born—Oct. 27, 1915
Breeder and owner:
Arthur P. Edison, Grand Rapids, Mich.

38144 **Bertha's Masher of Kinderhook**
Sire *Gerald's Masher* (21741)
Dam *Bertha Tucker* (30434)
Born—Oct. 18, 1915
Breeder and owner:
Alfred T. Ogden, Kinderhook, N. Y.

38145 **Dairy's Julian**
Sire *Julian of Koshkonong Place* (14409)
Dam *Imp. Fleury's Dairy III.* (36367)
Born—March 24, 1916
Breeder and owner:
G. G. Hartley, Duluth, Minn.

38146 **Lamont's Blucher**
Sire *Fair Lady's Sequel* (23507)
Dam *Gianetta* (13442)
Born—Nov. 26, 1915
Breeder and owner:
William C. Lamont, Cobleskill, N. Y.

38147 **Lord Overview**
Sire *Westmoreland Reputation* (24752)
Dam *Clio of Genesee* (34661)
Born—Oct. 22, 1915
Breeder and owner:
M. E. Schwarz, Sparta, Wis.

38148 **Ek of Lakeside**
Sire *Etta Lyons' Butterboy* (29540)
Dam *Rose of Oak Hill Farm* (44612)
Born—Dec. 10, 1915
Breeder—Emil H. Ek, Cokato, Minn.
Owner—March & McGrew, Dassel, Minn.

38149 **Matterhorn's Buckskin Lad**
Sire *Matterhorn* (23090)
Dam *Lady Dupont 2d* (24121)
Born—Dec. 1, 1915
Breeder and owner:
L. D. Churchill, Marion, Wis.

38150 **Johnny of Dupont**
Sire *Matterhorn* (23090)
Dam *Dorothy of Dupont* (32317)
Born—Dec. 13, 1915
Breeder and owner:
L. D. Churchill, Marion, Wis.

38151 **King Froome of Lind**
Sire *King of the Glenwoods* (21641)
Dam *Imp. Froome's Fascination IV.* (25570)
Born—Oct. 10, 1915
Breeder and owner:
C. H. Glocke, Weyauwega, Wis.

38152 **Rose's Chief of Maple Glen 2d**
Sire *Rose's Chief of Maple Glen* (23374)
Dam *Rose of Mt. Pleasant* (26804)
Born—Oct. 26, 1915
Breeder and owner:
Nelson Poorbaugh, Mount Pleasant, Pa.

38153 **Frond of Mizpah Lodge**
Sire *Selden of Pleasant View* (16838)
Dam *Fernalette of Forest Lodge* (40779)
Born—June 22, 1915
Breeder and owner:
Mrs. F. A. H. Coolidge, Augusta, Wis.

38154 **Caribou Starlight**
Sire *Robiana's Starlight* (25620)
Dam *Imp. Granny VIII. of the Choffins* (40665)
Born—July 20, 1915
Breeder and owner:
George C. Stone, Twig, Minn.

38155 **Caribou Champion**
Sire *Rose King of Jean Du Luth* (24329)
Dam *Sequel's Maid of Beauty* (32172)
Born—Dec. 19, 1915
Breeder and owner:
George C. Stone, Twig, Minn.

38156 **Rival's Spotswood's Governor**
Sire *Rival's Monadnock's Governor* (32245)
Dam *Royal Rival's Spotswood Sweet Brier* (34157)
Born—June 21, 1915
Breeder and owner:
Lyman Blair, Greenville, Maine.

38157 **Bim of the Gateways**
Sire *Raider of the Gateways* (28153)
Dam *Daisy of Eastside* (41560)
Born—Feb. 16, 1916
Breeder and owner:
Arthur W. Wellington, Wellesley Farms, Mass.

38158 **Latona Glenwood's King**
Sire *Langwater King of France* (16724)
Dam *Latona Lenfestey's Glenwood* (18817)
Born—Oct. 27, 1915
Breeder and owner:
G. B. Tallman, West Grove, Pa.

38159 **King Walker of Eaton**
Sire *Lewis of Ore Hill* (27202)
Dam *Jonquil of Haddon* (41809)
Born—Aug. 10, 1915
Breeder and owner:
Fred Sy, Kiel, Wis.

38160 **Helen of Sugar River's Jack**
Sire *Lewis of Ore Hill* (27202)
Dam *Helen of Sugar River* (29602)
Born—Oct. 14, 1915
Breeder and owner:
Fred Sy, Kiel, Wis.

38161 **Galaxious's Prince**
Sire *Galaxious* (25688)
Dam *Myssie Brown of Maple Lawn* (41926)
Born—March 30, 1916
Breeder and owner:
Dorris L. Fulkman, New Wilmington, Pa.

38162 **Galaxious's Duke**
Sire *Galaxious* (25688)
Dam *Maple Lawn's Vendetta* (41925)
Born—Sept. 21, 1915
Breeder and owner:
Dorris L. Fulkman, New Wilmington, Pa.

38163 **Ringleader of X-L-Land**
Sire *Dairymaid's Ringmaster of Iowa* (27904)
Dam *Louise Marshall of Woodend* (26615)
Born—Nov. 21, 1915
Breeder and owner:
B. L. Snyder, Bloomer, Wis.

38164 **Ringmaster's Prince of X-L-Land**
Sire *Dairymaid's Ringmaster of Iowa* (27904)
Dam *Imp. Blampie II.* (40374)
Born—Nov. 23, 1915
Breeder and owner:
B. L. Snyder, Bloomer, Wis.

38165 **Joe of Fletcher**
Sire *Lily's Son of Lewison* (15214)
Dam *Imp. Lady Forestine* (37628)
Born—Sept. 10, 1915
Breeder and owner:
J. P. Fletcher, Fletcher, N. C.

38166 **Signor of the Village Farm**
Sire *Pinehurst's Stranford* (23066)
Dam *Belle of Southborough* (20107)
Born—Nov. 25, 1915
Breeder and owner:
Gates Bros., Cambridge, Vt.

38167 **Max of York**
Sire *Sunset of Wakarusa* (24848)
Dam *Junabell of York* (45317)
Born—Feb. 19, 1916
Breeder and owner:
William H. Spaulding, Vistula, Ind.

38168 **Robinette's Glenwood**
Sire *Prince of Sulphur Springs* (25379)
Dam *Robinette of Clover Lea* (49177)
Born—Oct. 4, 1915
Breeder and owner:
Otis A. Marken, Valders, Wis.

38169 **Rose's Oliver of Meadowbank**
Sire *Oliver of Tarbell Farms* (20982)
Dam *Imp. Primrose des Ruettes* (38904)
Born—Nov. 29, 1915
Breeder and owner:
J. B. Supler & Sons, Clarksburg, W. Va.

38170 **Captain of Spring Brook Farm**
Sire *Clara's Bute of Crosswald* (27671)
Dam *Fair Beauty* (32987)
Born—Oct. 20, 1915
Breeder and owner:
Charles F. Post, Delhi, N. Y.

38171 **Chieftain of Spring Brook Farm**
Sire *Clara's Bute of Crosswald* (27671)
Dam *Princess of Spring Brook Farm* (29037)
Born—Nov. 25, 1915
Breeder and owner:
Charles F. Post, Delhi, N. Y.

38172 **Raritan's Prince**
Sire *Craigamoor Raritan* (24912)
Dam *Ruby of Orndale* (43828)
Born—Nov. 17, 1915
Breeder and owner:
C. J. Orn, Barron, Wis.

38173 **Queen's May King of Oakhurst**
Sire *Barrington May King* (19312)
Dam *Imp. Red Rose Queen* (32040)
Born—Feb. 5, 1916
Breeder and owner:
Frank A. Hotchkiss, Millerton, N. Y.

38174 **Rose King of Oakhurst**
Sire *Ne Plus Ultra 4th* (29328)
Dam *Wardem Rose* (45388)
Born—Jan. 23, 1916
Breeder—J. L. Hope, Madison, N. J.
Owner—Frank A. Hotchkiss, Millerton, N. Y.

38175 **Ultra Francis of Oakhurst**
Sire *Ne Plus Ultra 4th* (29328)
Dam *Frances of Oakhurst* (62375)
Born—April 2, 1916
Breeder and owner:
Frank A. Hotchkiss, Millerton, N. Y.

38176 **King Lear of Clara Cooper Farms**
Sire *Buttercup's Jewel of Craigamoor* (22558)
Dam *Imp. Nettie of the Hubits* (44181)
Born—Oct. 25, 1915
Breeder and owner:
James H. Cooper, Courtenay, N. Dak.

38177 **Caesar of Frankland**
Sire *Modena's Yeoman of Langwater* (10764)
Dam *Daisy of Hardwick* (24371)
Born—March 8, 1916
Breeder and owner:
J. Howard Leman, Hopkinton, Mass.

38178 **Rosette's Glenwood Boy of Grand Home**
Sire *College Pride* (24618)
Dam *Marcus Glenwood's Rosette* (46710)
Born—Dec. 4, 1915
Breeder and owner:
Hans J. Schmidt, Cedar Falls, Iowa.

38179 **Victoria's Majesty of Grand Home**
Sire *College Pride* (24618)
Dam *Primrose Victoria* (26585)
Born—Jan. 10, 1916
Breeder and owner:
Hans J. Schmidt, Cedar Falls, Iowa.

38180 **Fernleaf's Lord Mar**
Sire *Imp. Lord Mar* (14359)
Dam *Fernleaf of the Glen* (21661)
Born—Jan. 23, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

38181 **Dora's Nonpareil**
Sire *Dairymaid's Nonpareil of Iowa* (26763)
Dam *Imp. Dora II. of les Marais* (37737)
Born—Jan. 28, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

38182 **Millie's Lord Mar**
Sire *Imp. Lord Mar* (14359)
Dam *Imp. Hayes Millie 2d* (44977)
Born—Feb. 14, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

38183 **May Rose Noble of Jean Du Luth**
Sire *May King of Linda Vista* (17946)
Dam *Imp. Maid II. of the Vauquiedor* (45969)
Born—Feb. 4, 1916
Breeder and owner:
Jean Du Luth Farm, Inc., Duluth, Minn.

38184 **Promise's May King of Jean Du Luth**
Sire *May King of Linda Vista* (17946)
Dam *Imp. Promise of St. Andrew's* (43913)
Born—March 26, 1916
Breeder and owner:
Jean Du Luth Farm, Inc., Duluth, Minn.

38185 **Queen's Coral of Pleasant Point**
Sire *Richmond Coralord* (19460)
Dam *Plymouth Queen* (19218)
Born—Sept. 20, 1915
Breeder and owner:
M. B. Magoon, Whitewater, Wis.

38186 **Lady Grée's May King of Jean Du Luth**
Sire *May King of Linda Vista* (17946)
Dam *Imp. Lady Grée VI.* (40065)
Born—April 6, 1916
Breeder and owner:
Jean Du Luth Farm, Inc., Duluth, Minn.

38187 **Glenwood Boy of Elderwood**
Sire *Serpent* (19802)
Dam *Glenwood Girl of Elderwood* (44242)
Born—Dec. 6, 1915
Breeder and owner:
Donald Burton, Eagle, Wis.

38188 **Barbara's Alpha**
Sire *Beauty Boy of Maple River* (28756)
Dam *Dakota's Barbara* (49391)
Born—Nov. 6, 1915
Breeder and owner:
James C. Ranney, De Witt, Mich.

38189 **Princess Pat's Crescent**
Sire *Beauty Boy of Maple River* (28756)
Dam *Princess Pat* (49392)
Born—Dec. 16, 1915
Breeder and owner:
James C. Ranney, De Witt, Mich.

38190 **De Witt Girl's Superba**
Sire *Beauty Boy of Maple River* (28756)
Dam *De Witt Girl* (38328)
Born—Dec. 23, 1915
Breeder and owner:
James C. Ranney, De Witt, Mich.

38191 **Dakota's Dude**
Sire *Beauty Boy of Maple River* (28756)
Dam *Dakota of Meadow Farm* (33807)
Born—Jan. 10, 1916
Breeder and owner:
James C. Ranney, De Witt, Mich.

38192 **Lady Clare's Clarence**
Sire *Beauty Boy of Maple River* (28756)
Dam *Hilma's Lady Clare* (49626)
Born—Jan. 16, 1916
Breeder and owner:
James C. Ranney, De Witt, Mich.

38193 **Charles of Iola**
Sire *Freischuetz 2d* (27692)
Dam *Spotted Rose of Scan* (31077)
Born—March 4, 1916
Breeder and owner:
O. R. Johnson, Iola, Wis.

38194 **Duchess's Prince of Maple Hill**
Sire *Langwater Hayes Rosie's King of the May* (16723)
Dam *May King's Duchess* (39590)
Born—Oct. 8, 1915
Breeder and owner:
Fruit Bros., Waukesha, Wis.

38195 **Walbridge Glenwood**
Sire *Walbridge's Glenwood Boy* (13823)
Dam *Marie Glenwood of Village Farm* (48723)
Born—Feb. 29, 1916
Breeder—John S. Field, Grass Lake, Mich.
Owner—Ernest Musson, Howell, Mich.

38196 **Pride of Lone Pine**
Sire *North Star of Wilruss* (26706)
Dam *Isabinda Butter Girl* (38817)
Born—Feb. 2, 1916
Breeder—J. S. Alexander, Wausau, Wis.
Owner—Walter Alexander, Wausau, Wis.

38197 **Knight of Lone Pine**
Sire *North Star of Wilruss* (26706)
Dam *Josie's Josephine* (33191)
Born—Feb. 7, 1916
Breeder—J. S. Alexander, Wausau, Wis.
Owner—Walter Alexander, Wausau, Wis.

38198 **Eclipse of the Glen**
Sire *Florham Golden Lad* (18119)
Dam *Sheila of the Glen* (25275)
Born—Jan. 7, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

38199 **Klondyke of the Glen**
Sire *Zala of the Glen* (29058)
Dam *Calmel of the Glen* (49449)
Born—March 23, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

38200 **Hardie's Colonel**
Sire *Imp. King of Broome* (17796)
Dam *Emma of Oswego* (36726)
Born—Jan. 10, 1916
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

38201 **Maggie's Hero of Herodale**
Sire *Hotton's Hero of Beirnetown* (25709)
Dam *Hero's Maggie* (41409)
Born—Oct. 25, 1915
Breeder and owner:
James H. Beirne, Oakfield, Wis.

38202 **Frederick of Fahrnwald**
Sire *Langwater Frederick* (22268)
Dam *Pearl of Alfalfa Farms* (33178)
Born—March 27, 1916
Breeder and owner:
Dale E. Rundell, Livingston, Wis.

38203 **Gold Dust's May King 5th**
Sire *Gold Dust's May King* (24740)
Dam *Sequel's Portia of Lynnhurst* (44307)
Born—Sept. 21, 1915
Breeder and owner:
M. B. Lee, Hillsboro, Wis.

38204 **Gold Dust's May King 6th**
Sire *Gold Dust's May King* (24740)
Dam *Sheila of Snowdoun* (25228)
Born—Nov. 22, 1915
Breeder and owner:
M. B. Lee, Hillsboro, Wis.

38205 **Shamrock and Wild Rose's Duke**
Sire *Governor Shamróck* (23498)
Dam *Fantine Wild Rose S. of Fairview* (26600)
Born—Nov. 28, 1915
Breeder and owner:
N. E. Smith, Richford, N. Y.

38206 **Julia's Prince of Arrow Farm**
Sire *Magnolia 2d's Prince of Clover Leaf* (19002)
Dam *Julia Sanderson of Folly Land* (37768)
Born—Jan. 20, 1915
Breeder and owner:
John S. Petteys, Greenwich, N. Y.

38207 **Bonny Boy of Elm Spring**
Sire *Hazel's Starlight* (24508)
Dam *Estelle of Lake Bluff* (37701)
Born—Dec. 24, 1915
Breeder and owner:
Edward Brewin, Sullivan, Wis.

38208 **Joli Boeuf**
Sire *Busy Lad* (31687)
Dam *Zetta of Cleveland* (50712)
Born—Feb. 8, 1916
Breeder—Henry F. Kolb, Cleveland, Wis.
Owner—Mrs. Elizabeth Schettl, Manitowoc, Wis.

38209 **Tina's Buster of Fairview**
Sire *Foxy Peter* (21441)
Dam *Foxy Peter's Tina* (55458)
Born—Dec. 15, 1914
Breeder and owner:
Oliver C. Tuller, West Simsbury, Conn.

38210 **Beau Regal of Claraben Court**
Sire *Linden Masher of Harbor Hill* (30771)
Dam *Hope of the Glen* (32578)
Born—Dec. 18, 1915
Breeder and owner:
Benjamin Stern, Roslyn, N. Y.

38211 **Gay Lad of Fair View**
Sire *Morning Glory's Prince* (26127)
Dam *Dairymaid of Fair View* (40539)
Born—Nov. 18, 1915
Breeder and owner:
Charles A. Peck, Hensonville, N. Y.

38212 **West Salem**
Sire *Wilton Lad* (16651)
Dam *Melilla* (28090)
Born—Oct. 25, 1915
Breeder and owner:
John Knudson, West Salem, Wis.

38213 **Lady's King Masher**
Sire *King Masher's King* (24686)
Dam *Imp. Lady Jenny II. of the Bouillon* (50352)
Born—Nov. 28, 1915
Breeder and owner:
Emil D. Miller, West Salem, Wis.

38214 **Sunnybrook Juror**
Sire *Florham Autocrat* (25749)
Dam *Sunnybrook's Little Iris* (49867)
Born—Nov. 8, 1915
Breeder and owner:
Charles D. Cleveland, Eatontown, N. J.

38215 **Sunnybrook Proctor**
Sire *Florham Autocrat* (25749)
Dam *Thirty Thousand Eight Hundred Twenty Six* (30826)
Born—Feb. 24, 1916
Breeder and owner:
Charles D. Cleveland, Eatontown, N. J.

38216 **Maisie's Marvel**
Sire *Christy of Pinehurst 11th* (19986)
Dam *Maisie 3d of Maplehurst* (15042)
Born—Nov. 22, 1915
Breeder—C. A. Skaar, Hayward, Minn.
Owner—M. S. & C. A. Skaar, Hayward, Minn.

38217 **Baby's Dairyman**
Sire *Jean Du Luth Dairyman* (30152)
Dam *Maisie 3d's Baby* (42594)
Born—Jan. 4, 1916
Breeder—C. A. Skaar, Hayward, Minn.
Owner—M. S. & C. A. Skaar, Hayward, Minn.

38218 **Lady of Meadow Brook's Jewel**
Sire *Unity* (21941)
Dam *Lady of Meadow Brook Farm* (32143)
Born—May 1, 1916
Breeder and owner:
Fred J. Metcalf, Ashtabula, Ohio.

38219 **Duke of Chartiers**
Sire *Duke of Locust Grove* (18812)
Dam *Nicolette* (17236)
Born—March 21, 1916
Breeder and owner:
S. L. Tone, Canonsburg, Pa.

38220 **Actress Mary's Star**
Sire *Jethon* (18984)
Dam *Imp. Actress Mary* (49312)
Born—Dec. 22, 1915
Breeder and owner:
A. F. Bennett, Eau Claire, Wis.

38221 **Dick of Alfaretta**
Sire *Quintilla's Sequel* (17438)
Dam *Nectarine of Bound Brook* (37975)
Born—Nov. 2, 1915
Breeder and owner:
L. D. King, Hudson, Ohio.

38222 **Paddy H. of Wheatland**
Sire *Pauline Spotswood's Paddy* (20547)
Dam *Helen of Grandview* (38032)
Born—Nov. 1, 1914
Breeder and owner:
Fred Giddings, North Adams, Mich.

38223 **Triumph Rilma**
Sire *Tom Rilma* (22539)
Dam *Darling's Miss Nancy* (51304)
Born—April 6, 1916
Breeder and owner:
O. M. Whiting, Canisteo, N. Y.

38224 **Diantha's Sequel**
Sire *Honeymoon's King Sequel of Meadow Ridge* (25945)
Dam *Diantha of Two Rivers* (52328)
Born—Dec. 16, 1915
Breeder and owner:
H. P. Hamilton, Two Rivers, Wis.

38225 **Hervey**
Sire *Priscilla's May King* (19209)
Dam *Beverly of Village View* (38745)
Born—Nov. 2, 1915
Breeder and owner:
Mrs. Nellie Lines, Albion, Mich.

38226 **Beauty's Rex**
Sire *Yeksa Boy of Lily Dale Farm* (19813)
Dam *Hazel's Beauty* (32352)
Born—Oct. 15, 1915
Breeder and owner:
William Schwitzke, Norrie, Wis.

38227 **Noble Lad of Brookside**
Sire *Moira's Glenwood Boy* (18015)
Dam *Ann of Crystal Springs* (32208)
Born—April 1, 1916
Breeder and owner:
George W. Kiel, Whitelaw, Wis.

38228 **Jeweller of Locust Hill**
Sire *Diamond Gable Duke* (32417)
Dam *Shamrock's Pauline* (64252)
Born—May 19, 1916
Breeder—Est. S. W. Applegate, Elizabeth, Pa.
Owner—Frank M. Reed, Wilson, Pa.

38229 **Billy of Linwood**
Sire *Langwater Frederick* (22268)
Dam *Imp. Arilla of Linwood* (52055)
Born—Nov. 7, 1915
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

38230 **Benjamin of Linwood**
Sire *Langwater Frenchman* (19226)
Dam *Imp. Ardis of Linwood* (51558)
Born—Jan. 7, 1916
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

38231 **Bates of Linwood**
Sire *Langwater Frenchman* (19226)
Dam *Lilly Bates of Highland* (38249)
Born—Jan. 15, 1916
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

38232 **Rex Glenwood of Sunny View**
Sire *Glenwood Boy of Maple Farm* (20228)
Dam *Mariculius* (24558)
Born—Jan. 25, 1916
Breeder and owner:
I. J. Scott, Pomona, Cal.

38233 **Stefan Royal**
Sire *King Coral of Saradale* (21038)
Dam *Daisy's Laura of Grasmoe* (38438)
Born—Dec. 25, 1915
Breeder and owner:
H. C. Olson, Chetek, Wis.

38234 **Allen of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Juanita of Wasteland* (44065)
Born—Nov. 9, 1915
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

38235 **Pierre of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Bonnie's Sweetheart* (38183)
Born—Nov. 10, 1915
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

38236 **Inspector of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Elf of Marshallton* (44063)
Born—Nov. 11, 1915
Breeder and owner:
M. M. & E. J. Hollingsworth, Landenberg, Pa.

38237 **Onawata of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *May Rose of Wasteland* (41801)
Born—Nov. 13, 1915
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

38238 **Eagle Chief of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Vega of Wasteland* (46528)
Born—Feb. 15, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

38239 **Dombey of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Elf of Wasteland* (40741)
Born—Feb. 21, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

38240 **Raven of Wasteland**
Sire *Yeoman's May King of Langwater* (14797)
Dam *Anita of Wasteland* (24930)
Born—Feb. 27, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

64241 **Marynette of Sunny Slope**
Sire *Pedro of Riverside* (29219)
Dam *Blacknose Mary 4th* (47684)
Born—Sept. 30, 1915
Breeder and owner:
Mrs. Sarah Tubbs, Whitewater, Wis.

64242 **Nellie's Fantine of Fairy Falls**
Sire *Glenwood of Maple Grove* (24829)
Dam *Golden Fantine's Nellie* (44126)
Born—Dec. 12, 1915
Breeder and owner:
John P. Nelson, Stillwater, Minn.

64243 **Mate o'Bloom's Georgianette**
Sire *Mate o'Bloom* (12653)
Dam *Georgianette* (20649)
Born—Feb. 23, 1916
Breeder—Guernseydale Stock & Fruit Farms, Rupert, Pa.
Owner—H. W. Baldwin, Pennington, N. J.

64244 **May Rose Dimple**
Sire *Brookmead's Busy Lad* (27707)
Dam *King of the May's Rose Bloom* (48002)
Born—Oct. 18, 1915
Breeder and owner:
Robert Gould Shaw, 2d, Newton Center, Mass.

64245 **Trixie Ann**
Sire *Galaxy's Butter Boy* (23175)
Dam *Artie Bena* (46113)
Born—Nov. 1, 1915
Breeder and owner:
A. J. Shisler, Smithville, Ohio.

64246 **Janette Chêne of Ridgeland**
Sire *Prince Haram of Clover Meadows* (18926)
Dam *Imp. Kingsmoor Carroll 9th* (33719)
Born—April 5, 1916
Breeder and owner:
Wesener Bros., Cleveland, Wis.

64247 **Celestine M.'s Pansy**
Sire *Washington's Sereno* (23356)
Dam *Celestine M.* (14321)
Born—Oct. 28, 1915
Breeder and owner:
L. S. Philbrook, Webster, S. Dak.

64248 **Lady Alpha 2d**
Sire *Dimple Bloom 10th* (27334)
Dam *Lady Alpha* (35129)
Born—Nov. 22, 1915
Breeder and owner:
W. A. Barnes, Brinkhaven, Ohio.

64249 **Dorothy's Hazel T. 2d**
Sire *Daisy's Royal Governor* (24288)
Dam *Dorothy's Hazel T.* (49970)
Born—Nov. 13, 1915
Breeder and owner:
O. M. Whiting, Canisteo, N. Y.

64250 **Shamrock's Maid**
Sire *Jeweller of Blue Ridge* (14997)
Dam *Shamrock of Meadowlands* (29869)
Born—Dec. 17, 1912
Breeder and owner:
S. W. Applegate, Elizabeth, Pa.

64251 **Beatrice of Meadowlands 2d's Murrel**
Sire *Jeweller of Blue Ridge* (14997)
Dam *Beatrice of Meadowlands 2d* (52719)
Born—June 24, 1914
Breeder—S. W. Applegate, Elizabeth, Pa.
Owner—Est. S. W. Applegate, Elizabeth, Pa.

64252 **Shamrock's Pauline**
Sire *Jeweller of Blue Ridge* (14997)
Dam *Shamrock of Meadowlands* (29869)
Born—Sept. 19, 1914
Breeder—S. W. Applegate, Elizabeth, Pa.
Owner—Est. S. W. Applegate, Elizabeth, Pa.

64253 **Wanda's Duchess**
Sire *Jeweller of Blue Ridge* (14997)
Dam *Shamrock's Wanda* (52720)
Born—Feb. 4, 1915
Breeder—S. W. Applegate, Elizabeth, Pa.
Owner—Est. S. W. Applegate, Elizabeth, Pa.

64254 **Jeweller's Maid of Mt. Airy**
Sire *Jeweller of Blue Ridge* (14997)
Dam *Shamrock's Maid* (64250)
Born—April 6, 1915
Breeder and owner:
Est. S. W. Applegate, Elizabeth, Pa.

64255 **Beatrice Cotton Blossom**
Sire *Jeweller of Blue Ridge* (14997)
Dam *Beatrice of Meadowlands 2d* (52719)
Born—May 6, 1915
Breeder and owner:
Est. S. W. Applegate, Elizabeth, Pa.

64256 **Shamrock's Grace Grey**
Sire *Diamond Gable Duke* (32417)
Dam *Shamrock of Meadowlands* (29869)
Born—Nov. 4, 1915
Breeder and owner:
Est. S. W. Applegate, Elizabeth, Pa.

64257 **Jeweller's Blue Bell**
Sire *Diamond Gable Duke* (32417)
Dam *Beatrice of Meadowlands 2d* (52719)
Born—March 22, 1916
Breeder and owner:
Est. S. W. Applegate, Elizabeth, Pa.

64258 **Jeweller's Beatrice**
Sire *Diamond Gable Duke* (32417)
Dam *Beatrice of Meadowlands 2d's Murrel* (64251)
Born—March 28, 1916
Breeder and owner:
Est. S. W. Applegate, Elizabeth, Pa.

64259 **Pearl of Mohican Valley Farm**
Sire *Messenger* (15276)
Dam *Della May* (51142)
Born—Jan. 16, 1916
Breeder—W. D. Phelps, Columbus, Ohio.
Owner—Evart Sevits, Danville, Ohio.

64260 **Lady Rose of Fox Run**
Sire *Pride's May King of Linda Vista* (18617)
Dam *Imp. Lady Rose of the Rowets* (50421)
Born—Nov. 18, 1915
Breeder and owner:
F. B. Rice, Peterboro, N. H.

64261 **Prudie of Fox Run**
Sire *Pride's May King of Linda Vista* (18617)
Dam *Fox Run Molly* (42584)
Born—Dec. 8, 1915
Breeder and owner:
F. B. Rice, Peterboro, N. H.

64262 **Rockingham's Camilla**
Sire *Rockingham's May Lad* (28311)
Dam *Pride's May King's Camilla* (49739)
Born—Feb. 12, 1916
Breeder and owner:
Est. W. B. Rice, Peterboro, N. H.

64263 **Happy Thought of Albany**
Sire *Golden Barney* (15940)
Dam *Hermosa of Woodend 2d* (39333)
Born—May 15, 1914
Breeder and owner:
Alex Naegeli, Albany, Minn.

64264 **Albany's Best**
Sire *Echo of Oakdale* (26022)
Dam *Hermosa of Woodend 2d* (39333)
Born—May 23, 1915
Breeder and owner:
Alex Naegeli, Albany, Minn.

64265 **Beechwood Golden Girl**
Sire *Duke of Rockingham* (22647)
Dam *Beechwood Golden* (49910)
Born—Sept. 7, 1915
Breeder and owner:
William Flinn, Sharpsburg, Pa.

64266 **Lady of Beechwood Land**
Sire *Duke of Rockingham* (22647)
Dam *Beechwood's Landlady* (30762)
Born—Oct. 17, 1915
Breeder and owner:
William Flinn, Sharpsburg, Pa.

64267 **Paulstan of Beechwood's Girl**
Sire *Duke of Rockingham* (22647)
Dam *Paulstan of Beechwood* (43129)
Born—Dec. 19, 1915
Breeder and owner:
William Flinn, Sharpsburg, Pa.

64268 **Lady Ruth of Bayview**
Sire *Glenwood's Criterion of Haddon* (26024)
Dam *Imp. Lilly of Pulias* (21288)
Born—Oct. 9, 1915
Breeder and owner:
N. W. MacMurphy, South Burlington, Vt.

64269 **Glenerna of Lone Tree Farm**
Sire *Selma of Pinehurst 4th's Glenwood* (25849)
Dam *Glenwood's Materna of Inverness* (49873)
Born—Jan. 6, 1916
Breeder—A. W. & R. O. Hargrave, Ripon, Wis.
Owner—Victor F. Lawson, Green Lake, Wis.

64270 **Pergue's Duchess**
Sire *Sir Raymond of Owasco* (29355)
Dam *Duchess Glenwood Taylor* (47003)
Born—April 3, 1914
Breeder—Alfred Lester, Owasco, N. Y.
Owner—Sass Bros., Streator, Ill.

64271 **Esther Erwin**
Sire *Washington of Maple Glen* (22477)
Dam *Estella Honeysuckle* (57542)
Born—May 6, 1915
Breeder and owner:
Sass Bros., Streator, Ill.

64272 **Katy G. of Sunnyside 2d**
Sire *Imp. Mena's Masher* (17604)
Dam *Katy G. of Sunnyside* (31561)
Born—Nov. 23, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

64273 **Rose G.**
Sire *Imp. Mena's Masher* (17604)
Dam *Rose G. of Sunnyside* (27398)
Born—Dec. 22, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

64274 **Palmyra Princess**
Sire *Overland's Chief* (29218)
Dam *Lady Masher of Sunnyside* (43951)
Born—Dec. 23, 1915
Breeder and owner:
Gebhardt Bros., Palmyra, Mo.

64275 **Sequel's Philimo**
Sire *Imp. Sequel's Honor Bright* (20816)
Dam *Philimo* (27464)
Born—April 15, 1915
Breeder and owner:
B. C. Rumsey, Cody, Wyo.

64276 **Creamland Lady**
Sire *Ada's Yekstang* (18283)
Dam *Grace of Round Prairie* (33140)
Born—Nov. 21, 1915
Breeder and owner:
R. R. Schwartz, Troy Center, Wis.

64277 **Meridian's Daisy**
Sire *Golden Masher of Chilmark* (27644)
Dam *Ly of Meridian* (25297)
Born—Nov. 25, 1915
Breeder—Thomas Brack, Meridean, Wis.
Owner—R. R. Schwartz, Troy Center, Wis.

64278 **Cinderella of Saradale 2d**
Sire *Ringard* (26343)
Dam *Cinderella of Saradale* (34454)
Born—Oct. 11, 1915
Breeder and owner:
A. Pachernigg, Taylor, Wis.

64279 **Helena of Groton Farms**
Sire *Pebbles of the Glen* (30371)
Dam *Helen of Westbury* (25712)
Born—March 20, 1916
Breeder and owner:
Beekman Winthrop, Westbury, N. Y.

64280 **Royal Daisy C.**
Sire *Lloyd C.* (25714)
Dam *Jessie D. of Sherwood* (33555)
Born—Nov. 8, 1915
Breeder and owner:
G. H. Wilson, Wyalusing, Pa.

64281 **Polly of Edgewood Farms**
Sire *Hazel's Masher of Edgewood* (17221)
Dam *Helene of Edgewood* (32856)
Born—Oct. 24, 1915
Twin with cow No. 64282.
Breeder and owner:
A. Heywood Cary, Gansevoort, N. Y.

64282 **Molly of Edgewood Farms**
Sire *Hazel's Masher of Edgewood* (17221)
Dam *Helene of Edgewood* (32856)
Born—Oct. 24, 1915
Twin with cow No. 64281.
Breeder and owner:
A. Heywood Cary, Gansevoort, N. Y.

64283 **Lilly Bates**
Sire *King Bates* (24210)
Dam *Highland Warren Wood's Beauty* (43974)
Born—Oct. 31, 1915
Breeder and owner:
J. A. Gregg, Butler, Pa.

64284 **Justinée Branford Bijou**
Sire *Imp. Justinée's France of the Préel* (23511)
Dam *Imp. Corbière Bijou II.* (36298)
Born—Nov. 2, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

64285 **Tilbury's Molly of Branford**
Sire *Imp. Tilbury Dock* (19623)
Dam *Darby's Molly of Branford* (46390)
Born—Dec. 26, 1915
Breeder and owner:
Morton F. Plant, Groton, Conn.

64286 **Melrose of Hickory Grove**
Sire *Lady's Increase of Breeze Hill* (27735)
Dam *Brownie Lehigh* (42960)
Born—Oct. 28, 1915
Breeder and owner:
Henry Winke, Portage, Wis.

64287 **Eveline of Hickory Grove**
Sire *Lady's Increase of Breeze Hill* (27735)
Dam *Lilly Pearl* (24354)
Born—Nov. 8, 1915
Breeder and owner:
Henry Winke, Portage, Wis.

64288 **Ethel of Hickory Grove**
Sire *Lady's Increase of Breeze Hill* (27735)
Dam *Emmela Pearl* (25943)
Born—Jan. 20, 1916
Breeder and owner:
Henry Winke, Portage, Wis.

64289 **Alma of Hickory Grove**
Sire *Lady's Increase of Breeze Hill* (27735)
Dam *Stella Willimine* (24352)
Born—Jan. 24, 1916
Breeder and owner:
Henry Winke, Portage, Wis.

64290 **Imp. Buttercup of Ganasadaga**
Sire On Guernsey *Brilliant of the Grée III.* (R. G. A. S. 3183 P. S.)
Dam *Imp. Lily de la Croix* (50275)
Born—Aug. 24, 1914
Imp. in dam.
Breeder—Peter Tostevin, Island of Guernsey.
Owner—W. E. Mills, Rose Hill, N. Y.

64291 **Hiawatha's Helen of Ganasadaga**
Sire *Stranford's Hiawatha* (18250)
Dam *Sequel's Nellie* (53384)
Born—Sept. 11, 1914
Breeder and owner:
W. E. Mills, Rose Hill, N. Y.

64292 **Paula Marie**
Sire *King's Vanguard* (22719)
Dam *Penta* (43707)
Born—April 8, 1916
Breeder and owner:
Est. H. E. Taber, Castile, N. Y.

64293 **Reservation Aida**
Sire *King's Vanguard* (22719)
Dam *Alice T.* (22232)
Born—May 28, 1915
Breeder and owner:
Est. H. E. Taber, Castile, N. Y.

64294 **Heidi's Melody**
Sire *King's Vanguard* (22719)
Dam *Princess's Heidi* (58524)
Born—June 23, 1915
Breeder and owner:
Est. H. E. Taber, Castile, N. Y.

64295 **Charlotte's Galatea**
Sire *King's Vanguard* (22719)
Dam *Reservation Charlotte* (39961)
Born—Nov. 29, 1915
Breeder and owner:
Est. H. E. Taber, Castile, N. Y.

64296 **Major's Merry Maid**
Sire *Major of Pleasant View* (16576)
Dam *Murdock's Maidie* (36597)
Born—Nov. 27, 1915
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

64297 **Witch of the Morn**
Sire *Major of Pleasant View* (16576)
Dam *Murdock's Morning Glory* (23519)
Born—Nov. 28, 1915
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

64298 **Flossie's Glory**
Sire *Major of Pleasant View* (16576)
Dam *Flossie M.* (50089)
Born—Nov. 30, 1915
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

64299 **May Bloom's Pride**
Sire *Chantecler* (16961)
Dam *Imp. May Bloom of Mineral Springs* (52339)
Born—March 1, 1916
Breeder and owner:
W. M. Rundell, Livingston, Wis.

64300 **Bell of Williamsburg**
Sire *Onez of Williamsburg* (21731)
Dam *Lolita P.* (24311)
Born—Aug. 25, 1914
Breeder and owner:
Robert B. Mallory, Williamsburg, Va.

64301 **Lilly of Williamsburg**
Sire *Onez of Williamsburg* (21731)
Dam *Matilda Jane of Hamden* (38460)
Born—March 16, 1915
Breeder and owner:
Robert B. Mallory, Williamsburg, Va.

64302 **Daisy of Virginia**
Sire *Onez of Williamsburg* (21731)
Dam *Lolita P.* (24311)
Born—Oct. 19, 1915
Breeder and owner:
Robert B. Mallory, Williamsburg, Va.

64303 **Rose of Williamsburg**
Sire *Onez of Williamsburg* (21731)
Dam *Buttercup of Hamden* (33410)
Born—Jan. 4, 1916
Breeder and owner:
Robert B. Mallory, Williamsburg, Va.

64304 **Hortense's Sequel Queen**
Sire *Ouida's Sequel* (24350)
Dam *Hortense of Somerset* (28634)
Born—March 7, 1916
Breeder and owner:
Alvin Parish, Whitewater, Wis.

64305 **Edith Rilma**
Sire *Bob's Sheet Anchor* (32378)
Dam *Edith's Golden Nugget* (34958)
Born—March 7, 1916
Breeder and owner:
Edward Halsey, Cato, N. Y.

64306 **Rose May Washington**
Sire *Bob's Sheet Anchor* (32378)
Dam *Rose Washington* (42978)
Born—March 10, 1916
Breeder and owner:
Edward Halsey, Cato, N. Y.

64307 **Golden Noble's Mignonette**
Sire *Imp. Ribert's Golden Noble* (16143)
Dam *Nelly Rozier* (14834)
Born—Dec. 15, 1915
Breeder—Est. C. Morton Smith, Philadelphia, Pa.
Owner—C. Jared Ingersoll, Fort Washington, Pa.

64308 **Warriston's Starlight**
Sire *Governor Miquette* (29630)
Dam *Hildesheim of Warriston* (48599)
Born—Jan. 9, 1916
Breeder—Est. C. Morton Smith, Philadelphia, Pa.
Owner—C. Jared Ingersoll, Fort Washington, Pa.

64309 **Young Lady of Hillside**
Sire *Fairy's Sequel* (26043)
Dam *Young Dora of Bon Ayre* (49860)
Born—Oct. 25, 1915
Breeder and owner:
Findlay Bros., Nashotah, Wis.

64310 **Cherry of Craigdale**
Sire *Peter Charmer* (21899)
Dam *Helen Lucretia* (28301)
Born—Oct. 12, 1915
Breeder and owner:
John F. Craig, Sligo, Pa.

64311 **Rosalind Fox**
Sire *Peter Charmer* (21899)
Dam *Mathilda Fox* (35177)
Born—Oct. 26, 1915
Breeder and owner:
John F. Craig, Sligo, Pa.

64312 **Jessie True**
Sire *Peter Charmer* (21899)
Dam *Mary True* (50144)
Born—Oct. 27, 1915
Breeder and owner:
John F. Craig, Sligo, Pa.

64313 **Masher's Lady Proud**
Sire *King Masher's King* (24686)
Dam *My Lady Proud* (20190)
Born—July 21, 1915
Breeder and owner:
H. D. Griswold, West Salem, Wis.

64314 **Deasie's Marie**
Sire *Princess Deasie's Son* (28148)
Dam *Marie B.* (21505)
Born—Feb. 20, 1916
Breeder and owner:
H. W. Griswold, West Salem, Wis.

64315 **Gay Girl's Lady**
Sire *Eddie Stranford* (26036)
Dam *Gay Girl of Haddon* (33643)
Born—Oct. 9, 1915
Breeder and owner:
H. I. Gibson, Eau Claire, Wis.

64316 **Spring Babe of Mt. Peerless**
Sire *Chad of Locust Hill* (26082)
Dam *Ethel Glenwood's Geulah* (48783)
Born—April 1, 1916
Breeder and owner:
George McKinley, Elizabeth, Pa.

64317 **Ruby Payne's Fantasia of Mt. Peerless**
Sire *Stanley of Locust Hill* (21644)
Dam *Ruby Payne* (24683)
Born—April 1, 1916
Breeder and owner:
M. L. Reed, Coal Valley, Pa.

64318 **Generous Giver**
Sire *Sir Snowdoun* (19252)
Dam *Galaxy's Beauty of Prospect* (43367)
Born—April 10, 1916
Breeder and owner:
W. D. Hoard, Fort Atkinson, Wis.

64319 **Cora of Prospect**
Sire *Sir Snowdoun* (19252)
Dam *Cordele of Prospect* (42296)
Born—April 1, 1916
Breeder and owner:
W. D. Hoard, Fort Atkinson, Wis.

64320 **Snowdoun's Fantasia**
Sire *Sir Snowdoun* (19252)
Dam *Fantasia Belle* (36141)
Born—Jan. 10, 1915
Breeder and owner:
W. Nicholls, Trempealeau, Wis.

64321 **Hattie of Lone Mound**
Sire *Gold Dust's May King* (24740)
Dam *Hattie Belle of Lynnhurst* (41597)
Born—Sept. 29, 1915
Breeder—Mrs. M. B. Lee, Hillsboro, Wis.
Owner—W. Nicholls, Trempealeau, Wis.

64322 **Butter Queen's Delight of Riverdale**
Sire *Imp. Westmoreland* (17918)
Dam *Imp. Surrey Butter Queen* (40629)
Born—Nov. 1, 1915
Breeder and owner:
William Nelson Pelouze, Oconomowoc, Wis.

64323 **Glenwood Queen of Riverdale**
Sire *Imp. Westmoreland* (17918)
Dam *Margaret of West Salem* (21535)
Born—Nov. 29, 1915
Twin with bull No. 38140.
Breeder and owner:
William Nelson Pelouze, Oconomowoc, Wis.

64324 **Nesta's Thanksgiving**
Sire *Julius of New Castle* (20089)
Dam *Imp. Nesta of les Huriaux* (39481)
Born—Nov. 1, 1915
Breeder and owner:
G. F. Oberdorf, Sunbury, Pa.

64325 **Elsa of Hylsted**
Sire *Countryman* (18121)
Dam *Elsbeth of Hildesheim* (22017)
Born—Jan. 2, 1916
Breeder and owner:
W. T. Porter, Dover, Mass.

64326 **Cracker of Arenac**
Sire *Horatio, Jr.* (24187)
Dam *Elsie of Arenac* (32360)
Born—Nov. 22, 1915
Breeder and owner:
Bert Payea, Standish, Mich.

64327 **Flower of Arenac**
Sire *Horatio, Jr.* (24187)
Dam *Beauty K. of Arenac* (23155)
Born—Feb. 25, 1916
Breeder and owner:
Bert Payea, Standish, Mich.

64328 **Baron's Rose of Tillybardin**
Sire *Baron of Sarnia* (20687)
Dam *Mount Pleasant Rose* (17826)
Born—Oct. 17, 1915
Breeder and owner:
C. J. & D. S. Mitchell, Brookfield, Wis.

64329 **Baron's Amarina of Tillybardin**
Sire *Baron of Sarnia* (20687)
Dam *Amarina of Hillstead* (29091)
Born—Oct. 25, 1915
Breeder and owner:
C. J. & D. S. Mitchell, Brookfield, Wis.

64330 **Golden Julienne**
Sire *Gold Lassie's Julian* (27704)
Dam *Imp. Garenne's Daisy VI.* (39314)
Born—March 19, 1916
Breeder and owner:
G. G. Hartley, Duluth, Minn.

64331 **The Diamond King's Hilda**
Sire *The Diamond King* (29596)
Dam *Creanie of Sherwood* (45397)
Born—March 25, 1916
Breeder and owner:
V. E. Pierson, Rush, Pa.

64332 **Montpelier Queen**
Sire *Hazel's Golden Bob* (24824)
Dam *Montpelier Bloom* (38948)
Born—Oct. 22, 1915
Breeder and owner:
Edward Zeitler, Luxembourg, Wis.

64333 **Montpelier Dolly**
Sire *Hazel's Golden Bob* (24824)
Dam *Montpelier Bell* (30916)
Born—Dec. 8, 1915
Breeder and owner:
Edward Zeitler, Luxembourg, Wis.

64334 **Lady Beechwood**
Sire *Susie's Duke of Maplewood* (16012)
Dam *Marguerite of Walnut Glens* (38968)
Born—Oct. 17, 1915
Breeder and owner:
L. W. Eldredge, Chardon, Ohio.

64335 **Queen Holly of Mineral Home**
Sire *Reputation of Platteville* (10461)
Dam *Lura Hollyhock* (38829)
Born—Oct. 1, 1915
Breeder and owner:
E. J. Fruit, Platteville, Wis.

64336 **Miss White**
Sire *Royalette's Standard* (20141)
Dam *Achsa* (27619)
Born—Nov. 15, 1915
Breeder and owner:
Albert E. Olson, Nelsonville, Wis.

64337 **Beauty Girl of Lind**
Sire *King of the Glenwoods* (21641)
Dam *French Beauty of Lind* (48432)
Born—Jan. 9, 1916
Breeder and owner:
C. H. Glocke, Weyauwega, Wis.

64338 **Lady's Maple Glen's Jewel**
Sire *Rose's Chief of Maple Glen* (23374)
Dam *Lady Pleasant* (26803)
Born—Oct. 18, 1915
Breeder and owner:
Nelson Poorbaugh, Mount Pleasant, Pa.

64339 **Lucile of St. Croix**
Sire *Imp. Governor of St. Croix* (26358)
Dam *Veno* (35689)
Born—Sept. 2, 1915
Breeder—Lloyd Rundell, Roberts, Wis.
Owner—David Zielsdorf, Glenwood City, Wis.

64340 **La Belle Rose of Riverdale**
Sire *Imp. Westmoreland* (17918)
Dam *Imp. Westmoreland Hale Spot* (43759)
Born—Oct. 16, 1915
Breeder and owner:
William Nelson Pelouze, Oconomowoc, Wis.

64341 **Nepaul's Tahoma**
Sire *Nepaul* (23330)
Dam *Rival's Heirloom's Tahoma* (34156)
Born—Jan. 15, 1916
Breeder and owner:
Lyman Blair, Greenville, Maine.

64342 **Pansy of Fairfield Farm**
Sire *Rex of Fairfield Farm* (28418)
Dam *Rosamond of Fairfield Farm* (24119)
Born—Nov. 6, 1915
Breeder and owner:
Est. Wolcott H. Johnson, Wenham, Mass.

64343 **Moss Rose of the Gateways**
Sire *Raider of the Gateways* (28153)
Dam *Martha's Moss Rose* (46309)
Born—Oct. 5, 1915
Breeder and owner:
Arthur W. Wellington, Wellesley Farms, Mass.

64344 **Miss Bonne King**
Sire *Langwater King of France* (16724)
Dam *Miss Bonne Espérance* (24944)
Born—Jan. 14, 1916
Breeder and owner:
G. B. Tallman, West Grove, Pa.

64345 **Silverfoot's Daisy**
Sire *Silverfoot* (19532)
Dam *Glenwood Girl of Eaton* (48703)
Born—Feb. 4, 1914
Breeder and owner:
Fred Sy, Kiel, Wis.

64346 **Galaxious's Mahala**
Sire *Galaxious* (25688)
Dam *Vendetta's Hepsy* (49099)
Born—Oct. 12, 1915
Breeder and owner:
Dorris L. Fulkman, New Wilmington, Pa.

64347 **Lily Lou of X-L-Land**
Sire *Droro* (19569)
Dam *May of Ex-Cel-Land* (43345)
Born—Nov. 14, 1915
Breeder and owner:
B. L. Snyder, Bloomer, Wis.

64348 **Buttercup of X-L-Land**
Sire *Dairymaid's Ringmaster of Iowa* (27904)
Dam *Fern of X-Cel-Land* (38443)
Born—Nov. 25, 1915
Breeder and owner:
B. L. Snyder, Bloomer, Wis.

64349 **Nashewena of Fletcher**
Sire *Lily's Son of Lewison* (15214)
Dam *Princess Nashewena* (26420)
Born—Sept. 17, 1914
Breeder and owner:
J. P. Fletcher, Fletcher, N. C.

64350 **Norman's Lily**
Sire *Lily's Son of Lewison* (15214)
Dam *Imp. Norman's Lady* (37624)
Born—Nov. 16, 1914
Breeder and owner:
J. P. Fletcher, Fletcher, N. C.

64351 **Lilyfal of Fletcher**
Sire *Lily's Son of Lewison* (15214)
Dam *Falmouth Craftie* (27583)
Born—Jan. 27, 1915
Breeder and owner:
J. P. Fletcher, Fletcher, N. C.

64352 **Princess of Fletcher**
Sire *Lily's Son of Lewison* (15214)
Dam *Princess Nashewena* (26420)
Born—Aug. 10, 1915
Breeder and owner:
J. P. Fletcher, Fletcher, N. C.

64353 **Rosemary of Na-da-wis**
Sire *Woodrow May Rose* (26420)
Dam *Mary Amant* (31339)
Born—Sept. 22, 1915
Breeder and owner:
Millard F. Hunter, Johnsonville, N. Y.

64354 **Goldy Greenwich**
Sire *Masher Golden 4th* (30571)
Dam *Elsie F. of Hop City L.* (45814)
Born—March 2, 1916
Breeder—J. B. MacNeil, Ballston Spa, N. Y.
Owner—D. B. Whelden, Greenwich, N. Y.

64355 **Ona Belle of the Village Farm**
Sire *Pinehurst's Stranford* (23066)
Dam *Bell Ilinka 2d* (24111)
Born—Oct. 27, 1915
Breeder and owner:
Gates Bros., Cambridge, Vt.

64356 **Corinne of Trout Brook**
Sire *Milo of Maple Glen* (22476)
Dam *Fancy's Maggie C.* (32373)
Born—Feb. 26, 1914
Breeder and owner:
Earle Champlin, Groton, N. Y.

64357 **Cora of Trout Brook**
Sire *Milo of Maple Glen* (22476)
Dam *Duke's Little Bell of Groton* (32371)
Born—March 8, 1914
Breeder and owner:
Earle Champlin, Groton, N. Y.

64358 **Dena of Trout Brook**
Sire *Milo of Maple Glen* (22476)
Dam *Alma of Trout Brook* (41050)
Born—Jan. 27, 1915
Breeder and owner:
Earle Champlin, Groton, N. Y.

64359 **Dolly of Trout Brook**
Sire *Milo of Maple Glen* (22476)
Dam *Duke's Daisy C. of Groton* (32372)
Born—Feb. 26, 1915
Breeder and owner:
Earle Champlin, Groton, N. Y.

64360 **Duchess of Trout Brook**
Sire *Milo of Maple Glen* (22476)
Dam *Duke's Little Bell of Groton* (32371)
Born—Feb. 26, 1915
Breeder and owner:
Earle Champlin, Groton, N. Y.

64361 **Ruth of Sunny Side**
Sire *Amy's Duke of Hanover* (24464)
Dam *Miss Scay of Woodlands* (41518)
Born—Oct. 9, 1915
Breeder and owner:
H. Guy Vaughan, Ashland, Va.

64362 **Juliette of Sunny Side**
Sire *Amy's Duke of Hanover* (24464)
Dam *Ivy of Woodlands* (41519)
Born—Oct. 12, 1915
Breeder and owner:
H. Guy Vaughan, Ashland, Va.

64363 **Belle of Green Grove**
Sire *Adam of Annandale* (19579)
Dam *Thirty Thousand Eight Hundred Forty Three* (30843)
Born—Dec. 22, 1915
Breeder and owner:
William J. Seely, Nescopeck, Pa.

64364 **Bertha of Green Grove**
Sire *Dimple Bloom 12th* (30846)
Dam *Thirty Thousand Eight Hundred Forty Four* (30844)
Born—Jan. 6, 1916
Breeder and owner:
William J. Seely, Nescopeck, Pa.

64365 **Raritan's Maid of Orndale**
Sire *Craigamoor Raritan* (24912)
Dam *Tessie of Pinehurst* (23797)
Born—Oct. 17, 1915
Breeder and owner:
C. J. Orn, Barron, Wis.

64366 **Daisy of Marshland**
Sire *Eglantine's Son* (12873)
Dam *Dora Marshland* (26904)
Born—Dec. 5, 1915
Breeder and owner:
J. T. Graham, Marshland, Oregon.

64367 **Annie Belle of Marshland**
Sire *Eglantine's Son* (12873)
Dam *Marguerite of Marshland* (60896)
Born—April 2, 1916
Breeder and owner:
J. T. Graham, Marshland, Oregon.

64368 **Lassie of Oakhurst**
Sire *Ne Plus Ultra 4th* (29328)
Dam *Imp. Lass of King's Mills Lodge* (48471)
Born—Dec. 18, 1915
Breeder—J. L. Hope, Madison, N. J.
Owner—Frank A. Hotchkiss, Millerton, N. Y.

64369 **May King's Polly of Oakhurst**
Sire *Barrington May King* (19312)
Dam *Imp. Polly de la Forge* (32027)
Born—March 6, 1916
Breeder and owner:
Frank A. Hotchkiss, Millerton, N. Y.

64370 **Ultra Vanity of Oakhurst**
Sire *Ne Plus Ultra 4th* (29328)
Dam *Imp. Vanity Fair* (20560)
Born—March 29, 1916
Breeder and owner:
Frank A. Hotchkiss, Millerton, N. Y.

64371 **Peggy of Columbia**
Sire *Barrington May King* (19312)
Dam *Lady's Maid of Oakhurst* (41115)
Born—Jan. 4, 1916
Breeder—Frank A. Hotchkiss, Millerton, N. Y.
Owner—The Columbia Mills, Inc., Minetto, N. Y.

64372 **Juliet of Clara Cooper Farms**
Sire *Buttercup's Jewel of Craigamoor* (22558)
Dam *Imp. Freeman's Bountiful* (44185)
Born—Oct. 7, 1915
Breeder and owner:
James H. Cooper, Courtenay, N. Dak.

64373 **Felois of Cranbrook**
Sire *Paddy of Briarbank* (17138)
Dam *Felois of Bon Ayre* (49858)
Born—Oct. 19, 1915
Breeder and owner:
C. P. S. Price, Birmingham, Mich.

64374 **Nobska of Cranbrook**
Sire *Paddy of Briarbank* (17138)
Dam *Lady Nobska of Bon Ayre* (49861)
Born—Nov. 9, 1915
Breeder and owner:
C. P. S. Price, Birmingham, Mich.

64375 **Dayspring of Cranbrook**
Sire *Paddy of Briarbank* (17138)
Dam *Dayspring of Bon Ayre* (49856)
Born—Nov. 18, 1915
Breeder and owner:
C. P. S. Price, Birmingham, Mich.

64376 **University May Bishop**
Sire *University Frenchman* (28766)
Dam *Mamie Bishop* (21657)
Born—Oct. 26, 1915
Breeder and owner:
University of Wisconsin, Madison, Wis.

64377 **University Mildred**
Sire *University Frenchman* (28766)
Dam *University Margaret* (50571)
Born—March 16, 1916
Breeder and owner:
University of Wisconsin, Madison, Wis.

64378 **University Lillian**
Sire *University Frenchman* (28766)
Dam *Myra's Lillian* (44815)
Born—March 26, 1916
Breeder and owner:
University of Wisconsin, Madison, Wis.

64379 **Phyllis of Frankland**
Sire *Eugene F. of Holliston* (23145)
Dam *Gilewood Girl* (18352)
Born—Feb. 29, 1916
Breeder—R. F. & A. H. Parker, Westboro, Mass.
Owner—J. Howard Leman, Hopkinton, Mass.

64380 **Sylvia of Frankland**
Sire *Modena's Yeoman of Langwater* (10764)
Dam *Gerfazia* (26493)
Born—March 16, 1916
Breeder and owner:
J. Howard Leman, Hopkinton, Mass.

64381 **Victoria's Queen of Grand Home**
Sire *College Pride* (24618)
Dam *Primrose Victoria* (26585)
Born—Dec. 28, 1914
Breeder and owner:
Hans J. Schmidt, Cedar Falls, Iowa.

64382 **Glenwood Daisy's Rouge of Grand Home**
Sire *College Pride* (24618)
Dam *Marcus Glenwood's Daisy* (46712)
Born—Oct. 27, 1915
Breeder and owner:
Hans J. Schmidt, Cedar Falls, Iowa.

64383 **Helene of the Prairie**
Sire *Dairymaid's Nonpareil of Iowa* (26763)
Dam *Helene of Iowa* (40447)
Born—Feb. 14, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

64384 **Roselight of Jean Du Luth**
Sire *May Rose-Starlight* (24803)
Dam *Starlight's Contrast* (33439)
Born—March 17, 1916
Breeder and owner:
Jean Du Luth Farm, Inc., Duluth, Minn.

64385 **Julia of Elderwood**
Sire *Serpent* (19802)
Dam *Imp. Sarkey of St. Croix* (46671)
Born—Nov. 5, 1915
Breeder and owner:
Roy Burton, Eagle, Wis.

64386 **Dimples of Elderwood**
Sire *Serpent* (19802)
Dam *Lady Waukesha of Elderwood* (50541)
Born—Nov. 15, 1915
Breeder and owner:
Roy Burton, Eagle, Wis.

64387 **Lucky Girl of Elderwood**
Sire *Serpent* (19802)
Dam *Imp. Dairy Maid of St. Croix* (46679)
Born—March 5, 1916
Breeder and owner:
Roy Burton, Eagle, Wis.

64388 **De Witt Girl's Valentine**
Sire *Carol's King* (17623)
Dam *De Witt Girl* (38328)
Born—Feb. 14, 1914
Breeder and owner:
James C. Ranney, De Witt, Mich.

64389 **Hilma's Snowball**
Sire *Beauty Boy of Maple River* (28756)
Dam *Goldheels's Hilma* (34388)
Born—Nov. 29, 1915
Breeder and owner:
James C. Ranney, De Witt, Mich.

64390 **Jessie's Beauty**
Sire *Beauty Boy of Maple River* (28756)
Dam *Jessie Lind* (26196)
Born—Dec. 6, 1915
Breeder and owner:
James C. Ranney, De Witt, Mich.

64391 **Giver 3d's Choice**
Sire *Sheet Anchor's Hope* (14577)
Dam *Giver 3d* (38951)
Born—Sept. 19, 1915
Breeder and owner:
Fred Wille, Columbus, Nebr.

64392 **Radiant 2d's Girl**
Sire *Sheet Anchor's Hope* (14577)
Dam *Radiant 2d* (43415)
Born—Oct. 5, 1915
Breeder and owner:
Fred Wille, Columbus, Nebr.

64393 **Giver 5th**
Sire *Sheet Anchor's Hope* (14577)
Dam *Giver* (25679)
Born—Nov. 13, 1915
Breeder and owner:
Fred Wille, Columbus, Nebr.

64394 **Queen of Clover Farm**
Sire *Governor of Nelsonville* (28516)
Dam *Violet of Bonita* (47310)
Born—Feb. 25, 1916
Breeder and owner:
W. F. Eckart, Rush Lake, Wis.

64395 **Yeksaita**
Sire *Old Ironsides* (23089)
Dam *Madame Chérie* (35699)
Born—Oct. 19, 1915
Twin with cow No. 64396.
Breeder and owner:
A. O. Oleson, Livingston, Wis.

64396 **Yeksaina**
Sire *Old Ironsides* (23089)
Dam *Madame Chérie* (35699)
Born—Oct. 19, 1915
Twin with cow No. 64395.
Breeder and owner:
A. O. Oleson, Livingston, Wis.

64397 **Lemon Butter Chloe**
Sire *Chief of Pleasant Valley* (23404)
Dam *Kremo's Chloe* (32350)
Born—Jan. 16, 1916
Breeder and owner:
Cleophas Conkle, Layland, Ohio.

64398 **Lady's Pride of Maple Hill**
Sire *May King's Vrangue of Ingleside* (15430)
Dam *Norwood Lady Makefield* (31421)
Born—Sept. 28, 1915
Breeder and owner:
Fruit Bros., Waukesha, Wis.

64399 **Miss Rosie of Maple Hill**
Sire *May King's Vrangue of Ingleside* (15430)
Dam *Marietta of Maple Hill* (41232)
Born—Oct. 13, 1915
Breeder and owner:
Fruit Bros., Waukesha, Wis.

64400 **Aldero's Village Sweetheart**
Sire *Aldero* (19392)
Dam *Gold Bess* (48551)
Born—Nov. 23, 1915
Breeder—G. W. Jacob, Clayton, Mich.
Owner—Ernest Musson, Howell, Mich.

64401 **Stanley's June of Mt. Peerless**
Sire *Stanley of Locust Hill* (21644)
Dam *Herdenah of Mt. Peerless* (48760)
Born—June 1, 1915
Breeder—M. L. Reed, Coal Valley, Pa.
Owner—S. B. Reed, Coal Valley, Pa.

64402 **All Heart of the Glen**
Sire *Florham Golden Lad* (18119)
Dam *Pearl Maiden of the Glen* (23622)
Born—Jan. 6, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

64403 **Marvel of the Glen**
Sire *Florham Golden Lad* (18119)
Dam *Bab of the Glen* (23625)
Born—March 9, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

64404 **Viva of the Glen**
Sire *Imp. Sequel's Budget II.* (21327)
Dam *Ora of the Glen* (49447)
Born—March 19, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

64405 **Alpha of the Glen**
Sire *Florham Golden Lad* (18119)
Dam *Vere of the Glen* (25837)
Born—March 26, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

64406 **Moonflower of the Glen**
Sire *Florham Golden Lad* (18119)
Dam *Sunset of the Glen* (37961)
Born—April 2, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

64407 **Pinks of the Glen**
Sire *Beau Regal* (13448)
Dam *Sweet Clover of the Glen* (15635)
Born—April 3, 1916
Breeder and owner:
H. A. C. Taylor, Newport, R. I.

64408 **Aloha of Hardie Farms 2d**
Sire *De Witt's Sequel* (18145)
Dam *Aloha of Hardie Farms* (49092)
Born—Oct. 16, 1914
Breeder and owner:
Hardie Bros., Roscoe, N. Y.

64409 **Helen of Hardie Farms**
Sire *Imp. King of Broome* (17796)
Dam *Helen of Oswego* (38286)
Born—Oct. 30, 1915
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

64410 **Queen of Hardie Farms**
Sire *Imp. King of Broome* (17796)
Dam *Queen of Broome* (39021)
Born—Nov. 5, 1915
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

64411 **Delight of Hardie Farms**
Sire *Imp. King of Broome* (17796)
Dam *Delight of Broome* (35581)
Born—Nov. 10, 1915
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

64412 **Prudence of Hardie Farms**
Sire *Imp. King of Broome* (17796)
Dam *Prudence of Broome* (43848)
Born—Nov. 16, 1915
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

64413 **Alma of Hardie Farms**
Sire *Imp. King of Broome* (17796)
Dam *Lena of Oswego* (19207)
Born—Feb. 2, 1916
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

64414 **Betty of Hardie Farms**
Sire *Imp. King of Broome* (17796)
Dam *Grace of Oswego* (36727)
Born—March 20, 1916
Breeder and owner:
H. C. Hardie, Roscoe, N. Y.

64415 **Belerma of Herodale**
Sire *Hotton's Hero of Beirnetown* (25709)
Dam *Hero's Belerma* (27931)
Born—Oct. 23, 1915
Breeder and owner:
James H. Beirne, Oakfield, Wis.

64416 **Evaline of Herodale**
Sire *Hotton's Hero of Beirnetown* (25709)
Dam *Evaline's Nubia 2d* (25595)
Born—Oct. 24, 1915
Breeder and owner:
James H. Beirne, Oakfield, Wis.

64417 **Violet of Herodale**
Sire *Hotton's Hero of Beirnetown* (25709)
Dam *Imp. Gallienne's Violet VI.* (27832)
Born—Nov. 25, 1915
Breeder and owner:
James H. Beirne, Oakfield, Wis.

64418 **Golden Lil of Herodale**
Sire *Hotton's Hero of Beirnetown* (25709)
Dam *Golden Hero's Lil* (25616)
Born—Nov. 28, 1915
Breeder and owner:
James H. Beirne, Oakfield, Wis.

64419 **Maggie of Herodale**
Sire *Hotton's Hero of Beirnetown* (25709)
Dam *Imp. Maggie II. of La Rochelle* (27827)
Born—Dec. 10, 1915
Breeder and owner:
James H. Beirne, Oakfield, Wis.

64420 **Twinkle Twinkle**
Sire *Gilt Henry of Hazelbrook* (23830)
Dam *Nellie's Twinkle of Park View* (45738)
Born—Feb. 1, 1916
Breeder and owner:
F. P. Mullins, Salem, Ohio.

64421 **Golden Lassie of Clovernook**
Sire *Imp. Westmoreland* (17918)
Dam *Golden Lassie of Anoka* (43474)
Born—Feb. 25, 1916
Breeder—William Nelson Pelouze, Oconomowoc, Wis.
Owner—J. Gilbert Hickcox, Whitefish Bay, Wis.

64422 **Native Rose 2d**
Sire *Uno Lord of Golden Guernsey Farms* (27324)
Dam *Native Rose* (28599)
Born—March 16, 1915
Breeder and owner:
Daniel W. Weeks, Lexington, Mass.

64423 **Dorothy of Lynnhurst**
Sire *Gold Dust's May King* (24740)
Dam *Sequel's Princess of Lynnhurst* (36766)
Born—Sept. 18, 1915
Breeder and owner:
Mrs. M. B. Lee, Hillsboro, Wis.

64424 **Orlando's Rosa**
Sire *Orlando of Tarbell Farms* (28643)
Dam *Imp. Douit Rose II.* (47912)
Born—April 7, 1916
Breeder and owner:
George S. Brewster, Oyster Bay, N. Y.

64425 **Orlando's Dorcas**
Sire *Orlando of Tarbell Farms* (28643)
Dam *Imp. Dorcas IV. of the Ivy Gate* (47907)
Born—April 20, 1916
Breeder and owner:
George S. Brewster, Oyster Bay, N. Y.

64426 **Criterion's Daisy**
Sire *Imp. Roberts' Criterion of Bellview* (26887)
Dam *Imp. Daisy II. of le Port* (47920)
Born—June 11, 1915
Breeder—F. B. Buckley, Valley Falls, N. Y.
Owner—George S. Brewster, Oyster Bay, N. Y.

64427 **Shamrock and Fancy S.'s Jennié S.**
Sire *Governor Shamrock* (23498)
Dam *Glenwood's Fancy S. of Fairview* (24519)
Born—Nov. 3, 1915
Breeder and owner:
N. E. Smith, Richford, N. Y.

64428 **Shamrock and Lena's Kate S.**
Sire *Governor Shamrock* (23498)
Dam *Pretor's Lena S. of Fairview* (38139)
Born—Nov. 3, 1915
Breeder and owner:
N. E. Smith, Richford, N. Y.

64429 **Shamrock and Roxa S.'s Nora**
Sire *Governor Shamrock* (23498)
Dam *Daisy S. Fantine 2d's Roxa S.* (27675)
Born—Dec. 5, 1915
Breeder and owner:
N. E. Smith, Richford, N. Y.

64430 **Rose of Wigton**
Sire *Smoky Knight* (17450)
Dam *Belle of Amity* (36999)
Born—March 11, 1916
Breeder and owner:
H. N. Fleming, Erie, Pa.

64431 **Annetta of Pleasant View**
Sire *Von Don Fonzo* (19871)
Dam *Arline of Pleasant View* (44893)
Born—April 24, 1913
Breeder and owner:
A. T. Drummond, Waterville, Maine.

64432 **Sequel's Triumph de Lorraine**
Sire *Fairy's Sequel of Oak Ridge* (29031)
Dam *The Princess Triumph* (22298)
Born—Jan. 14, 1916
Breeder and owner:
A. Pfalzgraf, Fairfax, Va.

64433 **Jessica's Dairy Maid**
Sire *Ology* (22299)
Dam *Topsy's Jessica* (44781)
Born—March 25, 1916
Breeder and owner:
F. W. March, Jefferson, Ohio.

64434 **Dafney's Maggie**
Sire *Maggie's Hero* (25570)
Dam *Imp. Dafney III. of the Tilleuls* (28738)
Born—Nov. 7, 1915
Breeder and owner:
Loren Long, Madrid, Iowa.

64435 **Hero's Pancha**
Sire *Imp. Lynchmere Hero* (22999)
Dam *Pancha of Oak Grove* (38033)
Born—Oct. 25, 1915
Breeder and owner:
L. C. McClintock, Mindoro, Wis.

64436 **Kyrta of Farmington**
Sire *Imp. Lynchmere Hero* (22999)
Dam *Kyrta* (34053)
Born—Oct. 27, 1915
Breeder and owner:
H. W. Griswold, West Salem, Wis.

64437 **Sunnybrook Mignonette**
Sire *Florham Autocrat* (25749)
Dam *Imp. Lady Minnie* (45973)
Born—Dec. 26, 1915
Breeder and owner:
Charles D. Cleveland, Eatontown, N. J.

64438 **Vitex of Maplecrest**
Sire *Beau Regal's Chance* (17428)
Dam *Goldia of Maplecrest* (59556)
Born—June 28, 1915
Breeder and owner:
George W. Love, Garrettsville, Ohio.

64439 **Heroine of Maplecrest**
Sire *Hero of Shady Nook* (24273)
Dam *Lady Belle of Maplecrest* (59749)
Born—Aug. 21, 1915
Breeder and owner:
George W. Love, Garrettsville, Ohio.

64440 **Paulina of Fairmonde**
Sire *Box of the Glen* (15745)
Dam *Wood Ford's Paulina* (48353)
Born—Aug. 4, 1915
Breeder—J. W. Alsop, Avon, Conn.
Owner—Frank E. Cooley, Holt, Mich.

64441 **Jewel of Fairmonde**
Sire *Prince of Boulder Farm* (18187)
Dam *Florence Lyons's Jewel* (32174)
Born—Oct. 3, 1915
Breeder—Walter B. Allen, North Springfield, Vt.
Owner—Frank E. Cooley, Holt, Mich.

64442 **Countess' Pride of Willow Farm**
Sire *Joan's Idol* (31215)
Dam *Imp. Countess' Pride* (29357)
Born—Oct. 29, 1915
Breeder and owner:
D. F. Smith, Newtonville, Mass.

64443 **Patty Standish of Willow Farm**
Sire *Joan's Idol* (31215)
Dam *Priscilla's May Rose* (49344)
Born—Jan. 22, 1916
Breeder and owner:
D. F. Smith, Newtonville, Mass.

64444 **Bel Air's Pride**
Sire *Jethon* (18984)
Dam *Imp. Bel Air of Sarnia* (40236)
Born—Sept. 26, 1915
Breeder and owner:
A. F. Bennett, Eau Claire, Wis.

64445 **Katrina of Fair View**
Sire *Monarch's Chief* (20308)
Dam *Bess of High Point* (32681)
Born—March 24, 1913
Breeder and owner:
James S. McKeown, Cornwell, S. C.

64446 **Surprise of Fairdale**
Sire *Franc Masher of Edgemont* (18980)
Dam *Mentor Maid's Sister* (15601)
Born—Nov. 13, 1915
Breeder and owner:
G. M. Olmstead, Fairdale, Pa.

64447 **Anemone of Weedywold**
Sire *Kiteja of Tarbell Farms* (24892)
Dam *Imp. Daisy II. of the Camp Joinet* (23268)
Born—Dec. 10, 1915
Breeder and owner:
G. Irving Austin, Morton, N. Y.

64448 **Hepatica of Weedywold**
Sire *Kiteja of Tarbell Farms* 24892)
Dam *Royal Governor's Daisy* (29861)
Born—Feb. 21, 1916
Breeder and owner:
G. Irving Austin, Morton, N. Y.

64449 **Cream Girl of Sheboygan**
Sire *Raymond of Wayland* (20339)
Dam *Imp. Rose III. of la Turquie* (55198)
Born—Nov. 16, 1915
Breeder and owner:
M. J. Hoppert, Sheboygan, Wis.

64450 **Nell Beverly's Janet of Mt. Peerless**
Sire *Stanley of Locust Hill* (21644)
Dam *Duke's Nell Beverly* (29782)
Born—Dec. 1, 1915
Breeder and owner:
M. L. Reed, Coal Valley, Pa.

64451 **Rival's Violet of Locust Hill**
Sire *Rival's Glenwater of Dellwood* (27932)
Dam *Ethel's Sweet Brier of Mt. Peerless* (53691)
Born—May 6, 1916
Breeder and owner:
Frank M. Reed, Wilson, Pa.

64452 **Bonnie Lassie of Linwood**
Sire *Langwater Frederick* (22268)
Dam *Imp. Annie Laurie of Linwood* (51572)
Born—Nov. 5, 1915
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

64453 **Belva of Linwood**
Sire *Langwater Frenchman* (19226)
Dam *Chief's Princess Patricia* (40954)
Born—Nov. 18, 1915
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

64454 **Bernice of Linwood**
Sire *Langwater Frenchman* (19226)
Dam *Ella's Frau of Spring Brook* (29481)
Born—Feb. 5, 1916
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

64455 **Beatrice of Linwood**
Sire *Dairymaid's Glenwood of Pinehurst 3d* (26948)
Dam *Ella of Linwood* (51086)
Born—March 15, 1916
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

64456 **Bertha of Linwood**
Sire *Dairymaid's Glenwood of Pinehurst 3d* (26948)
Dam *Imp. Abigail of Linwood* (52609)
Born—March 22, 1916
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

64457 **Bunny of Linwood**
Sire *Dairymaid's Glenwood of Pinehurst 3d* (26948)
Dam *Ideal of Linwood* (47864)
Born—March 26, 1916
Breeder and owner:
Homer F. Rundell, Livingston, Wis.

64458 **Ardella of Valley View**
Sire *Rival of Edgemont* (21799)
Dam *Thirty Thousand Eight Hundred Sixty Seven* (30867)
Born—Sept. 7, 1915
Breeder—J. G. Quick, Bloomsburg, Pa.
Owner—Frank Mensch, Bloomsburg, Pa.

64459 **Alletta Christina**
Sire *La Zinda* (12667)
Dam *Imp. Daisy of Alderney* (33131)
Born—April 15, 1913
Breeder and owner:
H. C. Olson, Chetek, Wis.

64460 **Queen's May Reliance**
Sire *Reliance of Tonydale* (23599)
Dam *Oatka Queen 2d* (51430)
Born—Dec. 2, 1915
Breeder—John Cowie, Warsaw, N. Y.
Owner—Harry Leaton, Wyoming, N. Y.

64461 **Bell's Midget of Highland View**
Sire *Copperbottom's Billy* (21405)
Dam *Lily's Bell of Highland View* (63720)
Born—Feb. 5, 1916
Breeder and owner:
Harry Leaton, Wyoming, N. Y.

64462 **Nydia of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Bonnie's Silver Girl* (38434)
Born—Jan. 2, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

64463 **Polly Anna of Wasteland**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Hope's Jewel of Wasteland* (41800)
Born—Jan. 11, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

64464 **Della of Wasteland**
Sire *Yeoman's May King of Langwater* (14797)
Dam *Evelyn Trowbridge* (36508)
Born—Feb. 25, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

64465 **Moira of Wasteland**
Sire *Yeoman's May King of Langwater* (14797)
Dam *Blanche of Wasteland* (23014)
Born—Feb. 28, 1916
Breeder and owner:
M. M. Hollingsworth, Landenberg, Pa.

64466 **Queen of Ausable**
Sire *Genevieve's Milkman of Maple Lane* (23614)
Dam *Queen of Peru* (37456)
Born—Jan. 12, 1916
Breeder and owner:
Charles H. Arthur, Peru, N. Y.

64467 **Imp. Laura III.'s Miss Boreas of Elmview**
Sire On Guernsey *Boreas of the Vauxbelets* (R. G. A. S. 3360 P. S.)
Dam *Imp. Laura III. of the Vauxbelets* (61241)
Born—Jan. 17, 1916
Imp. in dam.
Breeder—L. Maisonneuve, Island of Guernsey.
Owner—Benjamin H. Throop, Elmhurst, Pa.

64468 **Emblem's Pansy of Elmview**
Sire *Imp. Emblem of France* (21186)
Dam *Imp. Trewidden Pansy* (31713)
Born—Jan. 21, 1916
Breeder and owner:
Benjamin H. Throop, Elmhurst, Pa.

64469 **Butterfly of Heweshurst**
Sire *Langwater King's Son* (25186)
Dam *Wahta Wah of Heweshurst* (39245)
Born—April 18, 1915
Breeder and owner:
E. B. Hewes, Mayville, N. Y.

64470 **Dolly of Heweshurst**
Sire *Langwater King's Son* (25186)
Dam *Esther of Heweshurst* (39856)
Born—April 20, 1915
Breeder and owner:
E. B. Hewes, Mayville, N. Y.

64471 **Queen Bessie of Heweshurst**
Sire *Langwater King's Son* (25186)
Dam *Copperbottom's May Queen* (38554)
Born—April 21, 1915
Breeder and owner:
E. B. Hewes, Mayville, N. Y.

64472 **Gipsy Bell of Hillside**
Sire *L'Islet King of Briarbank* (26044)
Dam *Gipsy Lass of Hillside* (44391)
Born—Dec. 8, 1915
Breeder and owner:
Eugene Ludeman, Fort Atkinson, Wis.

64473 **Ethel Beauty of Hillside**
Sire *L'Islet King of Briarbank* (26044)
Dam *Beauty of Hillhurst* (24245)
Born—Dec. 25, 1915
Breeder and owner:
Eugene Ludeman, Fort Atkinson, Wis.

64474 **Reamus's Thelma of Hillside**
Sire *L'Islet King of Briarbank* (26044)
Dam *Reamus's Beauty of Hillside* (40017)
Born—Jan. 19, 1916
Breeder and owner:
Eugene Ludeman, Fort Atkinson, Wis.

64475 **Duchess Pride of Hillside**
Sire *L'Islet King of Briarbank* (26044)
Dam *Beauty's Duchess* (50825)
Born—March 15, 1916
Breeder and owner:
Eugene Ludeman, Fort Atkinson, Wis.

64476 **Dolly Queen of Hillside**
Sire *L'Islet King of Briarbank* (26044
Dam *Dolly of Hillside* (39412)
Born—March 18, 1916
Breeder and owner:
Eugene Ludeman, Fort Atkinson, Wis.

64477 **Mattie of Oakwood**
Sire *Rosette's Marshall* (12236)
Dam *Imp. Fawn Queen IX.* (23496)
Born—Aug. 4, 1914
Breeder and owner:
W. Henry Bell, Scotts Station, Ky.

64478 **Charity of Oakwood**
Sire *Imp. Raymond of the Préel XIV.* (21926)
Dam *Imp. Charity of Rondibosch* (36409)
Born—Feb. 24, 1916
Breeder and owner:
W. Henry Bell, Scotts Station, Ky.

64479 **Princess of Oakwood**
Sire *Rosette's Marshall* (12236)
Dam *Imp. Camilla II. of the Poidevins* (23497)
Born—Feb. 28, 1916
Breeder and owner:
W. Henry Bell, Scotts Station, Ky.

64480 **Lady Louise of Oakwood**
Sire *Imp. Raymond of the Préel XIV.* (21926)
Dam *Louise of Oakwood* (52863)
Born—March 6, 1916
Breeder and owner:
W. Henry Bell, Scotts Station, Ky.

64481 **Fairy Gladys**
Sire *St. Austell Fairy Prince* (27553)
Dam *Bonnie Gladys* (39745)
Born—Feb. 18, 1916
Breeder and owner:
Edward Lowe, Grand Rapids, Mich.

64482 **Prince's Dairymaid**
Sire *St. Austell Fairy Prince* (27553)
Dam *Princess Dairymaid of Maple Lane* (42644)
Born—Feb. 25, 1916
Breeder and owner:
Edward Lowe, Grand Rapids, Mich.

64483 **Elfrita Emden**
Sire *Prince of Clintonville* (12393)
Dam *Fannietta* (24227)
Born—May 24, 1909
Breeder and owner:
Friedrich Schley, Clintonville, Wis.

64484 **Zafra**
Sire *Leo Winnebago* (24663)
Dam *Elfrita Emden* (64483)
Born—Sept. 6, 1914
Breeder and owner:
Friedrich Schley, Clintonville, Wis.

64485 **Queen of the Blicqs's Zelest**
Sire *Lily's Golden Secret* (27668)
Dam *Imp. Queen of the Blicqs XIII.* (39674)
Born—Dec. 10, 1915
Breeder and owner:
K. O. Gaarder, Holmen, Wis.

64486 **Amherst Nettie's Geneva**
Sire *Nautilus* (20910)
Dam *Amherst Nettie* (40053)
Born—Nov. 3, 1915
Breeder and owner:
H. M. Jacklin, Waupaca, Wis.

64487 **Evelyn's Pearl**
Sire *Nifty Prince* (20649)
Dam *Evelyn of Pine Run* (27789)
Born—Nov. 3, 1915
Breeder and owner:
B. A. Jacklin & Sons, Waupaca, Wis.

64488 **Pepin County's Lady**
Sire *Hazel's Benjamin* (26369)
Dam *Imp. Queenie of the Tertre* (50766)
Born—Dec. 28, 1915
Breeder and owner:
Matt Brunner, Durand, Wis.

64489 **Winnie of the Sioux**
Sire *Emerita 2d's Son* (16157)
Dam *Pride of Woodend 2d* (35937)
Born—Aug. 22, 1913
Breeder—Albert C. Loring, Minneapolis, Minn.
Owner—J. W. Gunter, Litchfield, Minn.

64490 **Flossie of the Sioux**
Sire *Isola's Paul* (21154)
Dam *Pride of Woodend 2d* (35937)
Born—July 17, 1914
Breeder and owner:
J. W. Gunter, Litchfield, Minn.

64491 **Dolly Bloom's Sister Ray 3d**
Sire *Golden Secret of Pencoyd* (23462)
Dam *Dolly Bloom's Sister Ray* (20752)
Born—Oct. 26, 1915
Breeder and owner:
Gage E. Tarbell, Smithville Flats, N. Y.

64492 **Gaby Girl of Iowanola**
Sire *Glenwood's Iowana Laddie* (22650)
Dam *Gaby of Piedmont* (39419)
Born—March 5, 1916
Breeder and owner:
Charles R. Mountain, Des Moines, Iowa.

64493 **Sweet Orchard Minnewaska**
Sire *Langwater Wilchester* (28058)
Dam *Governor's Minnewaska 2d* (38158)
Born—Feb. 2, 1916
Breeder and owner:
Ernest E. Sweet, Birmingham, Mich.

64494 **Glenwood Holly**
Sire *Glenwood's Masher of Haddon* (15529)
Dam *Lucy of Hollywood* (29823)
Born—Sept. 23, 1915
Breeder—T. Harrison Gardiner, Ashland, N. J.
Owner—Palmer Romaine Bowdish, Cornwall, N. Y.

64495 **Ginger's Miss Damond**
Sire *Ginger of Haddon* (20186)
Dam *Lady Damond* (49707)
Born—Jan. 18, 1916
Breeder—Myron H. Tichenor, Oconomowoc, Wis.
Owner—Carnation Stock Farms, Seattle, Wash.

64496 **John Q.'s Mary May**
Sire *John Q. of Edgewater* (20967)
Dam *Fillmore's Mary May* (34295)
Born—March 6, 1916
Breeder and owner:
Charles H. Jones, Wellesley Farms, Mass.

64497 **Hambro's Carnation**
Sire *Langwater Hambro* (21011)
Dam *Imp. Carnation of La Hougue* (31663)
Born—Dec. 14, 1914
Breeder and owner:
Ralph Tratt, Whitewater, Wis.

64498 **Tina of Wayland**
Sire *Prince of Stannox* (19540)
Dam *Topaz of Wayland* (25775)
Born—April 7, 1916
Breeder and owner:
Est. W. P. Perkins, Wayland, Mass.

64499 **Georgia's Buttercup**
Sire *Prince Garbutt* (17454)
Dam *Bessie Charmonte 2d* (52591)
Born—Oct. 15, 1913
Breeder and owner:
William Rawlings, Sandersville, Ga.

64500 **Fern Crest's Snow**
Sire *Garbutt's Beauty* (17455)
Dam *Georgia's Buttercup* (64499)
Born—Oct. 28, 1915
Twin with cow No. 64501.
Breeder and owner:
William Rawlings, Sandersville, Ga.

64501 **Fern Crest's Snowball**
Sire *Garbutt's Beauty* (17455)
Dam *Georgia's Buttercup* (64499)
Born—Oct. 28, 1915
Twin with cow No. 64500.
Breeder and owner:
William Rawlings, Sandersville, Ga.

64502 **Worcester's Fairy 2d**
Sire *Worcester's Pride* (21491)
Dam *Worcester's Fairy* (63528)
Born—Oct. 30, 1915
Breeder and owner:
A. S. Rothenberger, Lansdale, Pa.

64503 **Goldseeker's Cottie of Anna Dean Farm**
Sire *Imp. Goldseeker of Anna Dean Farm* (26106)
Dam *Cottie of Belle Vernon* (17349)
Born—Jan. 23, 1915
Breeder and owner:
O. C. Barber, Akron, Ohio.

64504 **Golden Princess of A.D.F.**
Sire *Golden Governor* (17564)
Dam *Princess Corinna 2d* (25991)
Born—Nov. 17, 1915
Breeder and owner:
O. C. Barber, Akron, Ohio.

64505 **Lily of Anna Dean Farm**
Sire *Lily Emerande's King* (18678)
Dam *Imp. White Heather's Monogram* (33792)
Born—Nov. 24, 1915
Breeder and owner:
O. C. Barber, Akron, Ohio.

64506 **Pauline of Anna Dean Farm**
Sire *Anna Dean King* (25751)
Dam *May King's September Midday* (48875)
Born—Nov. 27, 1915
Breeder and owner:
O. C. Barber, Akron, Ohio.

64507 **Sheet Anchor's Fenella**
Sire *Pearl's Sheet Anchor* (15025)
Dam *Fenella of Fernwood* (16030)
Born—Oct. 30, 1914
Breeder and owner:
Edwin B. Maule, Coatesville, Pa.

64508 **Bonnie St. Pierre**
Sire *Bonnie's Jewel of Maple Lane* (17004)
Dam *St. Pierre's Best* (17190)
Born—May 13, 1913
Breeder and owner:
John Tyler, Salem, N. J.

64509 **May King's Alice**
Sire *Imp. May King of Frie Bâton* (21184)
Dam *Alice Jewel* (29459)
Born—Nov. 17, 1915
Breeder and owner:
William F. Tyler, Salem, N. J.

64510 **May King's Butter Queen**
Sire *Imp. May King of Frie Bâton* (21184)
Dam *Golden Beauty of Maple Lane* (29452)
Born—Nov. 22, 1915
Breeder and owner:
John Tyler, Salem, N. J.

64511 **Polly's Beatrice of Maple Lane**
Sire *Gladys's Golden Choice of Maple Lane* (17766)
Dam *Duke's Polly of Maple Lane* (52456)
Born—Dec. 27, 1915
Breeder and owner:
John Tyler, Salem, N. J.

64512 **May King's Sylvia**
Sire *Imp. May King of Frie Bâton* (21184)
Dam *Jewel's Pride of Maple Lane* (32195)
Born—Jan. 29, 1916
Breeder and owner:
Lydia H. Tyler, Salem, N. J.

64513 **May King's Hazel**
Sire *Imp. May King of Frie Bâton* (21184)
Dam *Squire Jeweller's Belle* (29649)
Born—Feb. 16, 1916
Breeder and owner:
John Tyler, Salem, N. J.

64514 **May King Glenwood's Mary of Ingleside**
Sire *May King Glenwood of Ingleside* (27835)
Dam *Ingleside Mary Pretoria* (51119)
Born—Dec. 7, 1915
Breeder and owner:
T. W. Brophy, Edison Park, Ill.

64515 **Lassie's Delight**
Sire *Lassie's Pride of Locust Hill* (23571)
Dam *Delight of the Meadow* (60111)
Born—Oct. 29, 1915
Breeder and owner:
W. D. Phelps, Columbus, Ohio.

64516 **Lassie's Lila**
Sire *Lassie's Pride of Locust Hill* (23571)
Dam *Lila's Gold Plate* (55519)
Born—Dec. 7, 1915
Breeder and owner:
W. D. Phelps, Columbus, Ohio.

64517 **Sarah Halvorson**
Sire *Daisy Mahy's King* (22148)
Dam *Maud of M. B.* (39064)
Born—Feb. 20, 1916
Breeder and owner:
John Halvorson, Rice Lake, Wis.

64518 **Goldie's Queen of Hearts**
Sire *Pilot's Governor* (28484)
Dam *Goldie High Ball* (42242)
Born—Sept. 6, 1915
Breeder and owner:
Rome N. Heinzman, Mankato, Minn.

64519 **Tressie Eminence**
Sire *Abbot's Eminence* (21896)
Dam *Ethelyn of Maple Ridge* (42136)
Born—Jan. 1, 1916
Breeder—C. E. Graff, Medina, Ohio.
Owner—L. G. Graff, Medina, Ohio.

64520 **King's Beauty of Clover Lawn**
Sire *May Rose King of Burnside* (18601)
Dam *Raymond's Beauty of Clover Lawn* (48979)
Born—Nov. 10, 1915
Breeder and owner:
Thomas E. Lodge, Lisbon, Ohio.

64521 **King's Golden Dewdrop of Clover Lawn**
Sire *May Rose King of Burnside* (18601)
Dam *Raymond's Golden Dewdrop of Clover Lawn* (48978)
Born—Nov. 15, 1915
Breeder and owner:
Thomas E. Lodge, Lisbon, Ohio.

64522 **Lizette Idalia**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Glenwood's Idalia* (28026)
Born—Nov. 18, 1913
Breeder and owner:
Van J. Morris, Lisbon, Ohio.

64523 **Lizette of Middle Farm**
Sire *McCamon of Middlerun Farm* (27995)
Dam *Lizette Idalia* (64522)
Born—Nov. 25, 1915
Breeder and owner:
Van J. Morris, Lisbon, Ohio.

64524 **Donabelle of Pleasant View Farm**
Sire *Tom of Briarbank* (20541)
Dam *Cherry Blossom of Pleasant View Farm* (41225)
Born—Oct. 24, 1915
Breeder and owner:
Amos C. Spaulding, Buchanan, Mich.

64525 **Gulnare of Chestnut Hill's Beauty**
Sire *Baubigny's Squire of Keewaydin* (21834)
Dam *Gulnare of Chestnut Hill* (43090)
Born—Nov. 10, 1915
Breeder and owner:
Louis Rothlisberger, Novelty, Ohio.

64526 **Norma of Campbell**
Sire *Sequel's Dairymaid's Glenwood* (27312)
Dam *Lily B.'s Opal's Daughter* (20237)
Born—Oct. 25, 1915
Breeder and owner:
Otto Wolf, La Crosse, Wis.

64527 **Bellma of Maple Grove**
Sire *Model's Lad* (23033)
Dam *Bellma's Maid 2d* (35040)
Born—Oct. 27, 1915
Breeder and owner:
Stark Bros., Athens, Wis.

64528 **Joker's Beauty**
Sire *Joker of Riverside* (21447)
Dam *Beauty of Riverview* (49706)
Born—Nov. 20, 1915
Breeder and owner:
S. A. Merriman, Fort Atkinson, Wis.

64529 **Pearl of Lone Oak Farm**
Sire *Glen French of Mound City* (27693)
Dam *Zaida of Chestnut St.* (25058)
Born—Feb. 16, 1916
Breeder and owner:
W. L. Burruss, Parma, Mich.

64530 **Approval's Sweetheart**
Sire *King's Itchen King* (24661)
Dam *Approval* (42654)
Born—Dec. 23, 1915
Breeder—C. G. Wilderson & G. W. Love, Leetonia, Ohio.
Owner—Harry H. Johnson, Shreve, Ohio.

64531 **Honey Girl of Oakwood's Lassie**
Sire *Molly's Jim* (30003)
Dam *Honey Girl of Oakwood* (54047)
Born—Jan 31, 1916
Breeder and owner:
Harry H. Johnson, Shreve, Ohio.

64532 **Mildred Argie**
Sire *Pedro of Wellsmere* (18917)
Dam *Mercy Argie* (34026)
Born—Nov. 2, 1915
Breeder and owner:
A. C. Damon, Williamsburg, Mass.

64533 **Dousman's Belle**
Sire *Jeweller's Porter* (14385)
Dam *Leoparda of Lone Mound* (28698)
Born—July 15, 1915
Breeder and owner:
J. T. Maule & Son, Dousman, Wis.

64534 **Daisy Bickleigh**
Sire *Sir Bickleigh* (27097)
Dam *Daisy of Mapleview* (25589)
Born—Nov. 21, 1915
Breeder and owner:
Charles W. Warner, Great Barrington, Mass.

64535 **Dorothy's Daughter of Woodlands**
Sire *Hero's Golden Knight of Wawa* (22287)
Dam *Dorothy of Brookmead* (34058)
Born—Oct. 18, 1915
Breeder and owner:
R. Francis Wood, Philadelphia, Pa.

64536 **Jenny Red's Blanche of Oakland**
Sire *Polly Rhea's King* (28609)
Dam *Jenny Red* (16634)
Born—March 15, 1916
Breeder and owner:
H. R. Lobdell, Mukwonago, Wis.

64537 **Arvilla Glenwood's Butter Girl**
Sire *Lucille's King* (29182)
Dam *Arvilla Glenwood* (35577)
Born—Feb. 12, 1916
Breeder and owner:
Edward Swanson, Wausau, Wis.

64538 **Raymond's Bonnie**
Sire *Raymond Q. of Fritzlyn* (25659)
Dam *Miss Bonaparte* (22184)
Born—Dec. 20, 1915
Breeder and owner:
J. Leroy Cunningham, Indiana, Pa.

64539 **Miss Joy**
Sire *Iredell's Prince* (13243)
Dam *Prince's Joy* (45218)
Born—March 26, 1916
Breeder and owner:
W. C. Bain, Greensboro, N. C.

64540 **Miss Yeksa of the Diamond**
Sire *Yeksa of Pleasant Hill* (18315)
Dam *Princess, the Diamond's Pride* (34041)
Born—Oct. 23, 1915
Breeder and owner:
Walter I. Smith, Pleasant Hill, Md.

64541 **Chloe Malone of Maple Lawn**
Sire *Corinna White 5th's President* (23027)
Dam *Maple Lawn's Diantha* (49005)
Born—Jan. 3, 1916
Breeder and owner:
M. G. Dewey, Meadville, Pa.

64542 **Stradella**
Sire *Richmond Standard 2d* (23454)
Dam *Marion of Homestead 2d* (24051)
Born—Sept. 17, 1915
Breeder and owner:
J. W. Patterson, Beecher City, Ill.

64543 **Virginia G. of Ithaca**
Sire *Cora's May King of Chilmark* (23465)
Dam *Julia of Sunnyside* (47594)
Born—Nov. 26, 1915
Breeder—W. A. Alexander, Union Springs, N. Y.
Owner—S. Edwin Banks, Ithaca, N. Y.

64544 **Vira's Mary**
Sire *Lady's Lad* (24677)
Dam *Vesta's Vira* (38474)
Born—Oct. 28, 1915
Breeder and owner:
Elza Shaffer, Saint Marys, Ohio.

64545 **Rose of Durham Hill Farm**
Sire *Dora's Boy of Sunny Valley* (24470)
Dam *Baby of Hollyhock Farm* (47577)
Born—Nov. 1, 1915
Breeder—Gustave Pabst, Oconomowoc, Wis.
Owner—George F. Dore, Milwaukee, Wis.

64546 **St. Croix's Wilhelmina**
Sire *Imp. Honoria's Sequel III.* (31079)
Dam *Chatham Girl of Haddon* (50675)
Born—Oct. 21, 1915
Breeder and owner:
Lloyd Rundell, Roberts, Wis.

64547 **Miss Peck**
Sire *Imp. Governor of St. Croix* (26358)
Dam *Louisa of Oakdale* (46128)
Born—Dec. 29, 1915
Breeder and owner:
Henry A. Peck, Hammond, Wis.

64548 **Thelma of Pleasant View**
Sire *Napoleon Lajoy El Moore* (32063)
Dam *Pearl H. of Pleasant View* (52202)
Born—March 16, 1916
Breeder and owner:
J. M. Herring & Son, Moscow, N. Y.

64549 **Hannah of Evergreen Farm**
Sire *Golden Dream of Daisydale* (9225)
Dam *Annie of Westfield 2d* (12056)
Born—March 10, 1908
Breeder and owner:
J. W. Skilton, Thomaston, Conn.

64550 **Bessie Broadford of Linwood**
Sire *Bulldozer* (31306)
Dam *Broadford's Flossy of Clinton* (51691)
Born—Nov. 10, 1915
Breeder—J. H. Dickie, Mount Vernon, Ohio.
Owner—J. Dwight Dean, Fredericktown, Ohio.

64551 **Winfield Primrose**
Sire *Glenglory of Hazel Crest* (19485)
Dam *Imp. Primrose II. of the Roussaillerie* (35215)
Born—July 26, 1915
Breeder and owner:
William F. Pierce, Wheaton, Ill.

64552 **Queen of Locust Lane**
Sire *Langwater Royal 2d* (18319)
Dam *Isabel of Locust Lane* (49281)
Born—March 30, 1913
Breeder and owner:
Est. John Killinger, Etters, Pa.

64553 **Beauty of Middlebrook**
Sire *Imp. Hero of the Courtil au Préel* (13840)
Dam *Shrewsbury Belle* (38785)
Born—June 10, 1915
Breeder—Louis V. Bell, Shrewsbury, N. J.
Owner—C. H. Zehnder, Allenhurst, N. J.

64554 **Adelaide of Middlebrook**
Sire *Imp. Hero of the Courtil au Préel* (13840)
Dam *Jane of Mapleton* (24607)
Born—Nov. 26, 1915
Breeder and owner:
C. H. Zehnder, Allenhurst, N. J.

64555 **Laura of Middlebrook**
Sire *Sue's King of Tarbell Farms* (23037)
Dam *Priscilla of Middlebrook* (38547)
Born—Jan. 27, 1916
Breeder and owner:
C. H. Zehnder, Allenhurst, N. J.

64556 **Elder Flower**
Sire *Royal Pride of Oakhurst* (23965)
Dam *Serena of Oakhurst* (38094)
Born—Nov. 28, 1915
Breeder and owner:
Odin T. Erickson, Grove City, Minn.

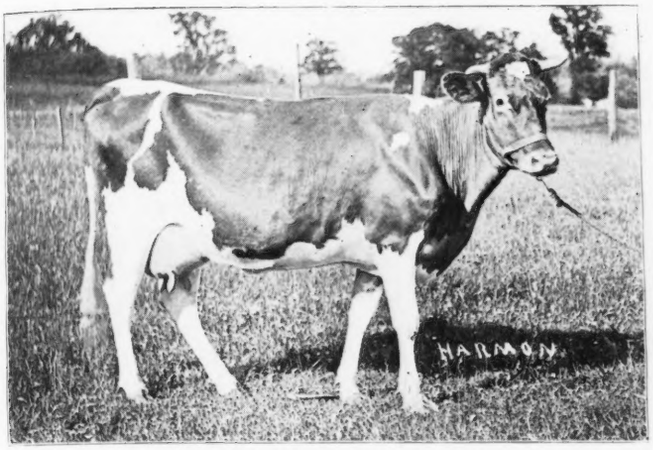
64557 **Rosie Marie**
Sire *Frank Rose* (26342)
Dam *Imp. Marais Rosie II.* (39465)
Born—Nov. 13, 1915
Breeder—William F. Fretz, Pipersville, Pa.
Owner—W. J. Royer, Orrville, Ohio.

64558 **Brookdale's Pride of Cedarcrest**
Sire *Brookdale's Rhiny Boy* (23499)
Dam *Pride of Grand View* (32130)
Born—March 28, 1916
Breeder and owner:
G. N. B. Tuttle, Sterling, Mass.

64559 **Miss Peggy**
Sire *Primrose's Governor's Rival* (25013)
Dam *Masher's Tahoma's Rutila's Sheet Anchor* (43939)
Born—March 18, 1916
Breeder and owner:
Mott F. Wilson, Bangor, Maine.

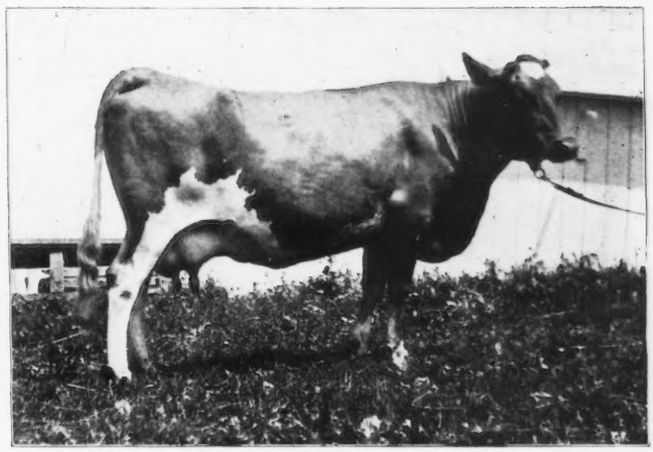
64560 **Princess Pollyanna**
Sire *Bill King of Clover Leaf* (19951)
Dam *Masher's Tahoma's Rutila's Sheet Anchor 2d* (55096)
Born—March 28, 1916
Breeder and owner:
Mott F. Wilson, Bangor, Maine.

THE ADVANCED REGISTER OF GUERNSEY CATTLE



GLENWOOD GIRL OF SPRINGFIELD 2d 42750

Official year's record: 8655.00 lbs. milk; 411.20 lbs. butter fat.
A. R. 4403

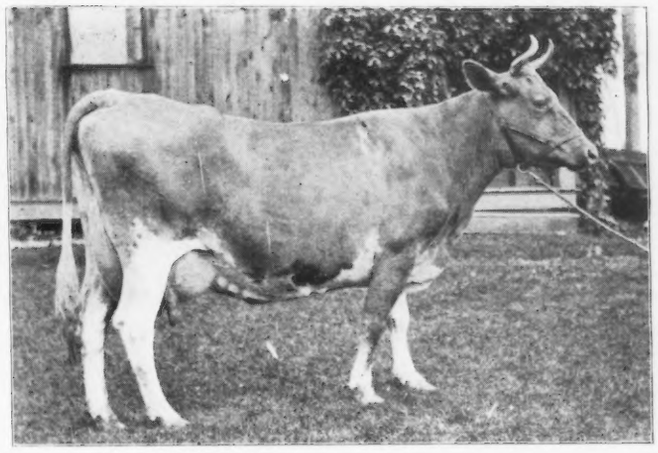


GLEN'S CLOVER BLOSSOM 36041

Official year's record: 11621.40 lbs. milk; 553.31 lbs. butter fat.
A. R. 4411

IMP. LE PELLEY'S MAGGIE IV. 50430

Official year's record: 8295.00 lbs milk; 410.85 lbs. butter fat.
A. R. 4404

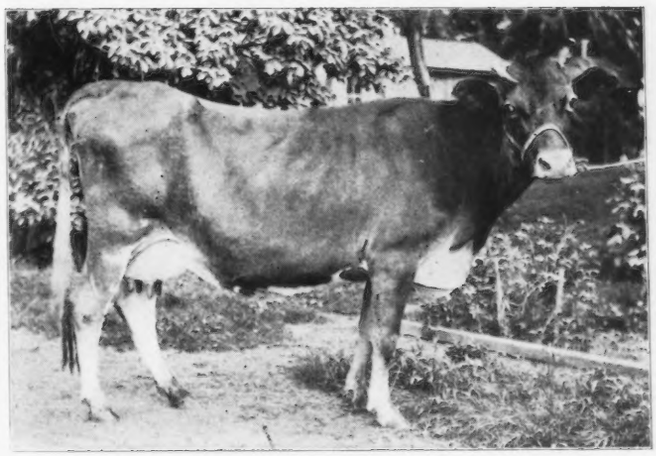


WITCH 3d 27222

Official year's record: 10341.70 lbs. milk; 541.59 lbs. butter fat.
A. R. 4412

BUSY BODY OF OAK HILL 36398

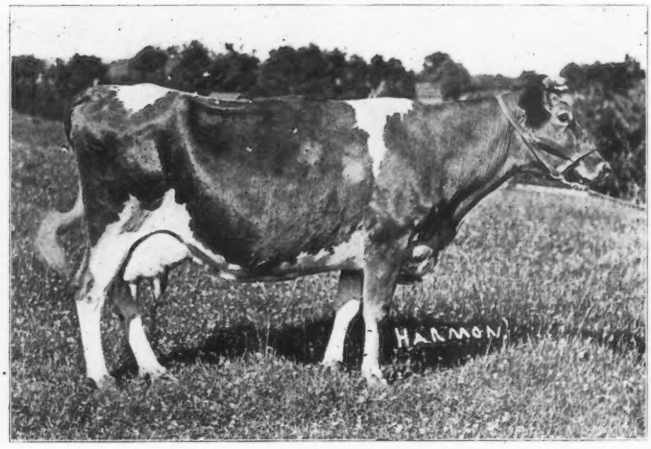
Official year's record: 8693.00 lbs. milk; 486.62 lbs. butter fat.
A. R. 4409



ESTHER OF GUERNSEY KNOB 4th 27332

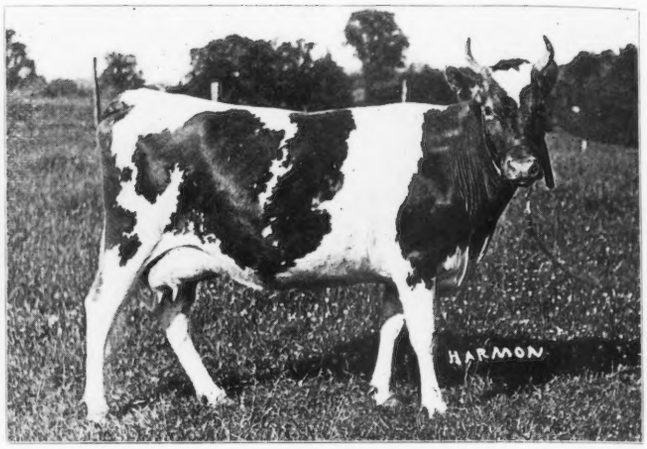
Official year's record: 13003.30 lbs. milk; 618.97 lbs. butter fat.
A. R. 4413

THE ADVANCED REGISTER OF GUERNSEY CATTLE



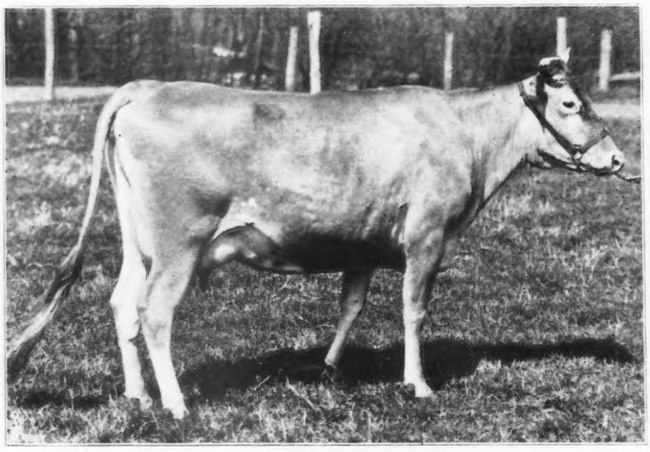
GLENELM'S OTSEGO GIRL 32863

Official year's record: 9995.70 lbs. milk; 410.92 lbs. butter fat.
A. R. 4417



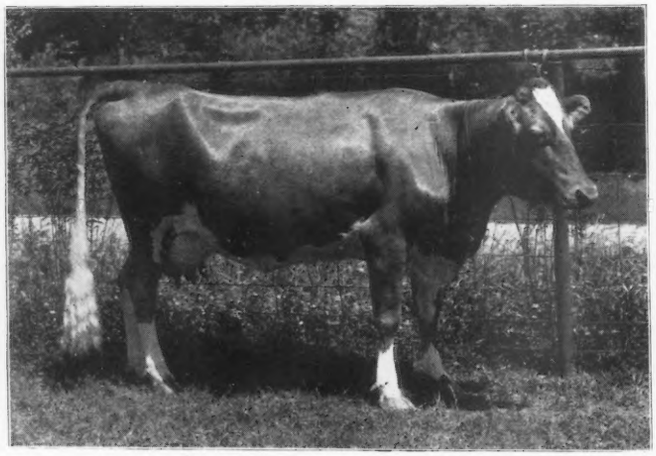
SWEET ROSE OF KORTRIGHT 41417

Official year's record: 8775.60 lbs. milk; 461.78 lbs. butter fat.
A. R. 4418



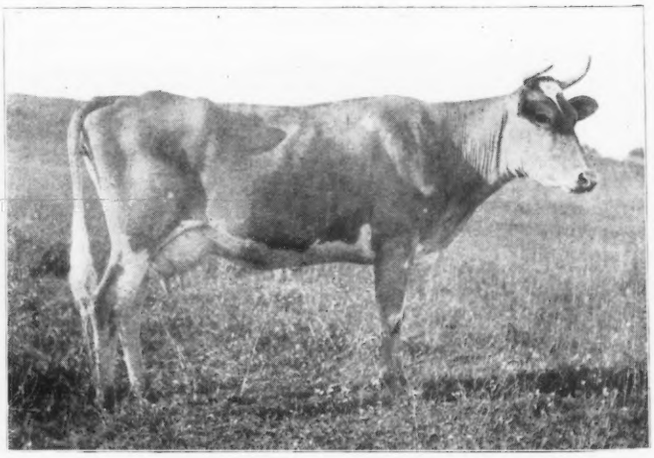
IMP. GUILBERT'S PRIDE III. 42706

Official year's record: 10460.80 lbs. milk; 649.12 lbs. butter fat.
A. R. 4424



BUTTERCUP OF KEEWAYDIN 34708

Official year's record: 10798.75 lbs. milk; 486.17 lbs. butter fat.
A. R. 4426



PEACH OF MAPLEHURST 43459

Official year's record: 6703.60 lbs. milk; 377.79 lbs. butter fat.
A. R. 4427

4397 **Jennie's Butter Girl 48129**

Sire Lynn Briggs (20747) A. R.
Sire Taycheedah Boy (10528) A. R.
Dam Julia Briggs (29186) A. R. 3047.
Dam Jennie's Beauty of the Cedars (32924) A. R. 2879.
Sire Lester of Fern Ravine (10944) A. R.
Dam Jennie of the Cedars (24585).
Breeder Math Michels, Peebles, Wis.
Owner Math Michels, Peebles, Wis.
Born July 5, 1913. *Calved* Apr. 14, 1915. *Served* Nov. 17, 1915.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 6143.50 lbs. milk; 349.04 lbs. butter fat.

(Record from Apr. 17, 1915 to Apr. 16, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	280.70 lbs.	5.69 %	15.97 lbs.
May,	"	654.60 "	5.69 "	37.25 "
June,	"	607.10 "	5.09 "	30.90 "
July,	"	580.80 "	5.61 "	32.58 "
Aug.,	"	553.40 "	5.49 "	30.38 "
Sept.,	"	496.40 "	5.04 "	25.02 "
Oct.,	"	495.30 "	6.27 "	31.06 "
Nov.,	"	443.20 "	5.89 "	26.10 "
Dec.,	"	496.00 "	5.67 "	28.12 "
Jan.,	1916,	459.80 "	6.00 "	27.59 "
Feb.,	"	406.80 "	6.16 "	25.06 "
Mar.,	"	445.00 "	5.77 "	25.68 "
Apr.,	"	224.40 "	5.94 "	13.33 "
Total		6143.50 lbs.	5.68 Av. %	349.04 lbs.

Feed

Apr., 1915. 2 to 4 lbs. grain daily of equal parts Unicorn Dairy Ration and ground oats; 10 to 20 lbs. ensilage, alfalfa hay and pasture.
May, 1915. 10 lbs. ensilage, alfalfa and June grass pasture.
June, 1915. 8 to 10 lbs. ensilage, alfalfa hay and pasture.
July, 1915. Ensilage from 1st to 20th, alfalfa hay and June grass pasture.
Aug., 1915. Alfalfa, white clover, and June grass pasture, with alfalfa hay.
Sept., 1915. Alfalfa hay and pasture from 1st to 11th; 3 lbs. grain daily from 12th to 30th of the following mixture: 2 lbs. ground oats, 1 lb. Ajax Flakes; pasture.
Oct., 1915. 4 lbs. grain daily of the following mixture: 1 lb. each bran and Ajax Flakes, 2 lbs. ground oats; 18 lbs. ensilage, alfalfa hay.
Nov., 1915. 3 lbs. grain daily of the following mixture: 1 lb. ground oats, 2 lbs. Ajax Flakes; 25 lbs. ensilage, alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 3 lbs. Ajax Flakes daily; 25 lbs. ensilage, alfalfa hay.
Feb., 1916. 3 lbs. grain daily of the following mixture: 2 lbs. Ajax Flakes, 1 lb. oil meal; 25 lbs. ensilage, alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.

4398 **Marie of Quality 47812**

Sire Lynn Briggs (20747) A. R.
Sire Taycheedah Boy (10528) A. R.
Dam Julia Briggs (29186) A. R. 3047.
Dam Quality of the Cedars 2d (32925) A. R. 2987.
Sire Lester of Fern Ravine (10944) A. R.
Dam Quality of the Cedars (30482).
Breeder Math Michels, Peebles, Wis.
Owner Math Michels, Peebles, Wis.
Born Aug. 10, 1913. *Calved* May 1, 1915. *Served* Nov. 10, 1915.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 6027.30 lbs. milk; 332.65 lbs. butter fat.

(Record from May 4, 1915 to May 3, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	526.50 lbs.	4.84 %	25.48 lbs.
June,	"	598.70 "	5.61 "	33.59 "
July,	"	608.40 "	5.26 "	32.00 "
Aug.,	"	577.10 "	5.70 "	32.89 "
Sept.,	"	523.30 "	5.51 "	28.83 "
Oct.,	"	512.70 "	5.51 "	28.25 "
Nov.,	"	437.00 "	5.83 "	25.48 "
Dec.,	"	451.30 "	5.54 "	25.00 "
Jan.,	1916,	450.80 "	5.56 "	25.06 "
Feb.,	"	419.10 "	5.43 "	22.76 "
Mar.,	"	451.10 "	5.63 "	25.40 "
Apr.,	"	427.80 "	5.92 "	25.33 "
May,	"	43.50 "	5.92 "	2.58 "
Total		6027.30 lbs.	5.52 Av. %	332.65 lbs.

Feed

May, 1915. No grain given; 10 lbs. ensilage, alfalfa and June grass pasture.
June, 1915. 8 to 10 lbs. ensilage, alfalfa hay, alfalfa and June grass pasture.
July, 1915. Ensilage from 1st to 20th, alfalfa hay and pasture.
Aug., 1915. Alfalfa, white clover, and June grass pasture, alfalfa hay.
Sept., 1915. Alfalfa hay and pasture from 1st to 11th; 3 lbs. grain daily from 12th to 30th of the following mixture: 2 lbs. ground oats, 1 lb. Ajax Flakes; pasture.
Oct., 1915. 4 lbs. grain daily of the following mixture: 1 lb. each bran and Ajax Flakes, 2 lbs. ground oats; 18 lbs. ensilage, alfalfa hay.
Nov., 1915. 3 lbs. grain daily of the following mixture: 1 lb. ground oats, 2 lbs. Ajax Flakes; ensilage and alfalfa hay.
Dec., 1915. 3 lbs. grain daily of the following mixture: 1 lb. ground oats, 2 lbs. Ajax Flakes; 25 lbs. ensilage, and alfalfa hay.
Jan., 1916. 3 lbs. Ajax Flakes daily; 25 lbs. ensilage, alfalfa hay.
Feb., 1916. 3 lbs. grain daily of the following mixture: 2 lbs. Ajax Flakes, 1 lb. oil meal; 25 lbs. ensilage, alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same ration as given in February.

4399 **Maggie's Beauty 47371**

Sire Fond du Lac Boy (19437) A. R.
Sire Lester of Fern Ravine (10944) A. R.
Dam Belle Gardiner 3d (28111) A. R. 3041.
Dam Maggie Cedars (37688) A. R. 3148.
Sire Taycheedah Boy (10528) A. R.
Dam Jennie's Beauty of the Cedars (32924) A. R. 2879.
Breeder Math Michels, Peebles, Wis.
Owner Math Michels, Peebles, Wis.
Born Sept. 23, 1913. *Calved* May 6, 1915. *Served* Oct. 7, 1915.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 5135.60 lbs. milk; 268.70 lbs. butter fat.

(Record from May 9, 1915 to May 8, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	374.50 lbs.	5.13 %	19.21 lbs.
June,	"	557.70 "	5.21 "	29.06 "
July,	"	525.70 "	5.11 "	26.86 "
Aug.,	"	507.30 "	4.85 "	24.60 "
Sept.,	"	445.30 "	4.75 "	21.15 "
Oct.,	"	471.70 "	5.34 "	25.19 "
Nov.,	"	351.20 "	5.70 "	20.02 "
Dec.,	"	383.60 "	5.29 "	20.29 "
Jan.,	1916,	375.90 "	5.39 "	20.26 "
Feb.,	"	331.70 "	5.26 "	17.45 "
Mar.,	"	362.00 "	4.98 "	18.03 "
Apr.,	"	354.90 "	5.92 "	21.01 "
May,	"	94.10 "	5.92 "	5.57 "
Total		5135.60 lbs.	5.23 Av. %	268.70 lbs.

Feed

May, 1915. 10 lbs. ensilage, alfalfa and June grass pasture.
June, 1915. 8 to 10 lbs. ensilage, alfalfa and June grass pasture.
July, 1915. Ensilage and alfalfa hay to 20th, then alfalfa hay and pasture.
Aug., 1915. Alfalfa, white clover, and June grass pasture with alfalfa hay.
Sept., 1915. Alfalfa hay and pasture from 1st to 11th; 3 lbs. grain daily from 12th to 30th of the following mixture: 2 lbs. ground oats, 1 lb. Ajax Flakes; pasture.
Oct., 1915. 4 lbs. grain daily of the following mixture: 1 lb. each bran and Ajax Flakes, 2 lbs. ground oats; 18 lbs. ensilage, alfalfa hay.
Nov., 1915. 3 lbs. grain daily of the following mixture: 1 lb. ground oats, 2 lbs. Ajax Flakes; 25 lbs. ensilage, alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 3 lbs. Ajax Flakes daily; 25 lbs. ensilage, alfalfa hay.
Feb., 1916. 3 lbs. grain daily of the following mixture: 2 lbs. Ajax Flakes, 1 lb. oil meal; 25 lbs. ensilage, alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same ration as given in February.

4400 **Clare of the Grove 31593**

Sire Milford Lassie 2d's Anchor (8467) A. R.
Sire Strong Anchor (5849) A. R.
Dam Imp. Milford Lassie 2d (15257).
Dam Clare of Poplar Grove 3d (16343) A. R. 3922.
Sire Strong Anchor (5849) A. R.
Dam Clare of Poplar Grove (12122).
Breeder Mrs. Isabella B. Merryman, Lutherville, Md.
Owner Louis McL. Merryman, Cockeysville, Md.
Born Sept. 29, 1909. *Calved* Mar. 13, 1915. *Served* Sept. 16, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9877.70 lbs. milk; 480.82 lbs. butter fat.

(Record from Mar. 17, 1915 to Mar. 16, 1916.)
Supervised by Maryland Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	521.20 lbs.	4.99 %	26.01 lbs.
Apr.,	"	1168.40 "	4.61 "	53.86 "
May,	"	1116.50 "	4.60 "	51.36 "
June,	"	1022.50 "	4.57 "	46.73 "
July,	"	989.10 "	4.81 "	47.58 "
Aug.,	"	787.30 "	4.47 "	35.19 "
Sept.,	"	724.80 "	4.60 "	33.34 "
Oct.,	"	712.00 "	5.43 "	38.66 "
Nov.,	"	681.20 "	5.12 "	34.88 "
Dec.,	"	633.30 "	5.21 "	32.99 "
Jan.,	1916,	618.90 "	5.29 "	32.74 "
Feb.,	"	573.50 "	5.21 "	29.88 "
Mar.,	"	329.00 "	5.35 "	17.60 "
Total		9877.70 lbs.	4.87 Av. %	480.82 lbs.

Feed

Mar., 1915. 6 to 8 lbs. grain daily of the following mixture: 300 lbs. each bran and corn meal, 200 lbs. each ground oats and cottonseed meal, 100 lbs. Rye D. D. D. Grains, 75 lbs. oil meal; 1.5 lbs. beet pulp from 16th to 31st, 30 lbs. ensilage, 8 lbs. mixed hay, rye pasture.

Apr., 1915. 10 lbs. grain daily of the following mixture: 300 lbs. bran, 250 lbs. corn meal, 150 lbs. each ground oats and cottonseed meal, 100 lbs. Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 75 lbs. oil meal; 1.5 lbs. beet pulp, 3 lbs. alfalfa hay, pasture.

May, 1915. 12 lbs. grain daily of the following mixture from 1st to 14th with 100 lbs. Thomas Dairy Feed added from 1st to 7th: 300 lbs. bran, 250 lbs. corn meal, 50 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Schumacher Feed and Unicorn Dairy Ration, 150 lbs. cottonseed meal, 75 lbs. oil meal; from 15th to 22d 12 lbs. grain daily of the following mixture: 300 lbs. each bran and Schumacher Feed, 100 lbs. each corn meal and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal, 75 lbs. oil meal; from 23d to 31st 12 lbs. grain daily of the following mixture: 300 lbs. bran, 125 lbs. Ajax Flakes, 400 lbs. Schumacher Feed, 100 lbs. Unicorn Dairy Ration, 150 lbs. cottonseed meal, 75 lbs. oil meal; green wheat and stover.

June, 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each middlings, corn meal, and cottonseed meal, 125 lbs. Ajax Flakes, 200 lbs. Schumacher Feed, 100 lbs. Unicorn Dairy Ration, 50 lbs. oil meal; 1.5 lbs. beet pulp, 5 lbs. alfalfa hay, pasture.

July, 1915. 12 lbs. grain daily from the 1st to 6th of the following mixture: 300 lbs. bran, 150 lbs. each corn meal, Schumacher Feed, and cottonseed meal, 100 lbs. each middlings, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 75 lbs. oil meal; from the 7th to the 31st same ration as given from the 1st to 6th except 100 lbs. Schumacher Feed instead of 150 lbs., and 150 lbs. ground barley instead of 100 lbs.; 1.5 lbs. beet pulp, 5 lbs. alfalfa hay, pasture.

Aug., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each wheat middlings, Schumacher Feed, and Unicorn Dairy Ration, 150 lbs. each corn meal, ground barley, and cottonseed meal, 125 lbs. Ajax Flakes, 75 lbs. oil meal; 1.5 lbs. beet pulp, 15 lbs. green ensilage, pasture.

Sept., 1915. 12.5 lbs. grain daily, 12 lbs. of the following mixture with .5 lb. gluten added: 300 lbs. bran, 150 lbs. each corn meal, ground oats, ground barley, and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration, 50 lbs. gluten, 75 lbs. oil meal; 1 lb. beet pulp, 20 lbs. green corn, pasture.

Oct., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each corn meal, ground oats, Schumacher Feed, and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration, 50 lbs. gluten, 75 lbs. oil meal; 10 lbs. roots, 5 lbs. mixed hay, pasture.

Nov., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each corn meal, ground oats, Schumacher Feed, and cottonseed meal, 100 lbs. Unicorn Dairy Ration, 50 lbs. each gluten and Larro Feed, 75 lbs. oil meal, 125 lbs. Ajax Flakes; 12 lbs. roots, 20 lbs. ensilage, 15 lbs. mixed hay.

Dec., 1915. Same ration as given in November.

Jan., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each corn meal, ground oats, and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. each Schumacher Feed and Unicorn Dairy Ration, 50 lbs. gluten, 75 lbs. oil meal; 12 lbs. roots, 24 lbs. ensilage, 18 lbs. mixed hay.

Feb., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each corn meal, ground oats, Schumacher Feed, and cottonseed meal, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration, 50 lbs. each gluten and Yeast Grains, 75 lbs. oil meal; 12 lbs. roots, 20 lbs. ensilage, 18 lbs. mixed hay.

Mar., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. each corn meal, ground oats, Schumacher Feed, and cottonseed meal, 100 lbs. Unicorn Dairy Ration, 50 lbs. gluten, 75 lbs. oil meal; 2 lbs. beet pulp, 20 lbs. ensilage, 18 lbs. alfalfa hay.

4401 **Glenburnie Belle 37534**

Sire Glenwood Meddler of Haddon (15748) A. R.
Sire Glenwood's Main Stay (6067) A. R.
Dam Lucretia's Daughter (11256) A. R. 3.
Dam Oneida Belle (24985) A. R. 1966.
Sire King Masher (11084) A. R.
Dam Indian Belle (22275) A. R. 1960.
Breeder James E. Russell, Peekskill, N. Y.
Owner James E. Russell, Peekskill, N. Y.
Born Oct. 9, 1911. *Calved* Mar. 18, 1915. *Served* Oct. 19, 1915.
Requirement for admission: 303.20 lbs. butter fat.

Official year's record: 8954.20 lbs. milk; 527.25 lbs. butter fat.

(Record from Mar. 21, 1915 to Mar. 20, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	358.70 lbs.	5.88 %	21.09 lbs.
Apr.,	"	1177.40 "	5.88 "	69.23 "
May,	"	1119.60 "	5.88 "	65.83 "
June,	"	957.40 "	5.19 "	49.69 "
July,	"	821.20 "	4.60 "	37.78 "
Aug.,	"	771.90 "	5.66 "	43.69 "
Sept.,	"	679.20 "	5.53 "	37.56 "
Oct.,	"	645.70 "	6.21 "	40.10 "
Nov.,	"	593.70 "	6.02 "	35.74 "
Dec.,	"	549.40 "	6.99 "	38.40 "
Jan.,	1916,	509.90 "	6.97 "	35.54 "
Feb.,	"	467.30 "	6.68 "	31.22 "
Mar.,	"	302.80 "	7.08 "	21.38 "
Total		8954.20 lbs.	5.89 Av. %	527.25 lbs.

Feed

Mar., 1915. 9 to 10 lbs. grain daily of the following mixture: 300 lbs. each bran, corn meal, and ground oats, 100 lbs. each gluten feed, alfalfa meal, oil meal, and Malt Sprouts, 150 lbs. cottonseed meal, 13 lbs. salt; 4 lbs. beet pulp, 36 lbs. mangels, 24 lbs. ensilage, 12 lbs. mixed hay.

Apr., 1915. 14 to 15 lbs. grain daily of the following mixture: 300 lbs. each bran, hominy, and ground oats, 100 lbs. each middlings, gluten, alfalfa meal, and oil meal, 150 lbs. cottonseed meal, 14 lbs. salt; 15 lbs. beet pulp, 1 lb. molasses, 30 lbs. ensilage, 12 lbs. mixed hay.

May, 1915. 14 lbs. grain daily same mixture as given in April with 200 lbs. Brewers' Grains and 2 lbs. salt added; 10 lbs. beet pulp, green alfalfa, 5 lbs. mixed hay.

June, 1915. 13.5 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, and cottonseed meal, 10 lbs. middlings, 200 lbs. Brewers' Grains, 33 lbs. each gluten and oil meal, 7 lbs. salt; 10 lbs. beet pulp, 20 lbs. alfalfa, and green feed.

July, 1915. 13.5 to 8 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, and ground oats, 200 lbs. Distillers' Grains, 33 lbs. each gluten and oil meal, 50 lbs. cottonseed meal, 7 lbs. salt; 5 lbs. beet pulp, green feed and alfalfa hay.

Aug., 1915. 8 to 10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, and ground oats, 200 lbs. Ajax Flakes, 33 lbs. each gluten and oil meal, 50 lbs. cottonseed meal; 5 lbs. beet pulp, ensilage, green feed, and alfalfa hay.

Sept., 1915. 10 to 11.5 lbs. grain daily of the following mixture to the 15th: 100 lbs. each bran, hominy, and ground oats, 200 lbs. Ajax Flakes, 50 lbs. cottonseed meal, 33 lbs. oil meal; from 16th to 30th of the following mixture: 100 lbs. each bran, hominy, and ground oats, 200 lbs. Ajax Flakes, 33 lbs. each gluten, cottonseed meal, and oil meal; 5 lbs. beet pulp, ensilage, green corn, and alfalfa hay.

Oct., 1915. 11 lbs. grain daily, 8 lbs. of the following mixture with 3 lbs. equal parts bran and oil meal added: 100 lbs. each bran, hominy, and ground oats, 200 lbs. Ajax Flakes, 33 lbs. each gluten, cottonseed meal, and oil meal, 6 lbs. salt; 4 lbs. beet pulp, 15 to 40 lbs. mangels, green corn to the 15th then 15 lbs. ensilage, 12 lbs. alfalfa hay, and corn stover.

Nov., 1915. 10.5 lbs. grain daily, 7.5 lbs. of the following mixture with 1.5 lbs. each bran and oil meal added: 100 lbs. each bran, hominy, ground oats, and Ajax Flakes, 33 lbs. each gluten, cottonseed meal, and oil meal; 5 lbs. beet pulp, 24 lbs. mangels, 16 lbs. ensilage, 10 lbs. hay.

Dec., 1915. 9 lbs. grain daily, 7.5 lbs. of the following mixture (No. I.): 100 lbs. each bran and middlings, 125 lbs. Ajax Flakes, 50 lbs. each gluten and cottonseed meal, and 1.5 lbs. of the following mixture (No. 2): 100 lbs. each bran and ground oats, 200 lbs. corn meal, 50 lbs. oil meal; 7.5 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. mixed hay.

Jan., 1916. 7.5 lbs. grain daily to the 16th of 6 lbs. of mixture No. I and 1.5 lbs. of mixture No. 2; 7.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. mixed hay; 8 lbs. grain daily from 17th to 31st of 6 lbs. of mixture No. I and 2 lbs. of mixture No. 2; 5 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. mixed hay.

Feb., 1916. 8 lbs. grain daily, 6 lbs. of mixture No. I and 2 lbs. of mixture No. 2; 7.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.

Mar., 1916. Same grain ration as given in February; 6 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.

4402 **Penstates Revina Glenwood 53362**

Sire Glenwood of Mapleton (9170) A. R.
Sire Glenwood Chief of Haddon (7076) A. R.
Dam Mentor Maid 2d (15616).
Dam Penstates Vina (27118) A. R. 2520.
Sire Selectrina's College Boy (4437) A. R.
Dam Avina (14895).
Breeder The Pennsylvania State College, State College, Pa.
Owner The Pennsylvania State College, State College, Pa.
Born Apr. 30, 1912. *Calved* Oct. 25, 1914. *Served* June 23, 1915.
Requirement for admission: 268.90 lbs. butter fat.

Official year's record: 10713.10 lbs. milk; 515.60 lbs. butter fat.

Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	979.50 lbs.	4.31 %	42.22 lbs.
Dec.,	"	1035.90 "	4.96 "	51.38 "
Jan.,	1915,	987.00 "	4.50 "	44.42 "
Feb.,	"	836.90 "	4.95 "	41.43 "
Mar.,	"	937.30 "	4.62 "	43.30 "
Apr.,	"	854.00 "	5.08 "	43.38 "
May,	"	930.80 "	4.81 "	44.77 "
June,	"	880.10 "	4.79 "	42.16 "
July,	"	878.30 "	4.58 "	40.23 "
Aug.,	"	868.60 "	4.88 "	42.39 "
Sept.,	"	792.10 "	4.91 "	38.89 "
Oct.,	"	732.60 "	5.60 "	41.03 "
Total		10713.10 lbs.	4.81 Av. %	515.60 lbs.

Feed

Nov., 1914. 12.4 lbs. grain daily of the following mixture (No. 283): 50 lbs. each corn meal, hominy, and alfalfa meal, 100 lbs. each bran, ground oats, and linseed meal, 150 lbs. cottonseed meal; 3.2 lbs. beet pulp, 1.6 lbs. carrots, 21.6 lbs. ensilage, 3.2 lbs. clover and 4.1 lbs. timothy hay.
Dec., 1914. 14.1 lbs. grain daily of mixture No. 283; 3.5 lbs. beet pulp, 4 lbs. carrots, 24 lbs. ensilage, 5.6 lbs. alfalfa hay, 5 lbs. mixed hay, and 10 lbs. timothy hay.
Jan., 1915. 13.5 lbs. grain daily of mixture No. 283; 3.5 lbs. beet pulp, 24 lbs. ensilage, 6 lbs. alfalfa hay.
Feb., 1915. Same grain ration as given in January with 1 lb. molasses added daily; 3.5 lbs. beet pulp, 24 lbs. ensilage, 5.6 lbs. alfalfa hay, and 12 lbs. timothy hay.
Mar., 1915. 15.5 lbs. grain daily of 436.7 lbs. of mixture No. 283 with 5 lbs. bran and 36 lbs. molasses added; 2.4 lbs. beet pulp, 26.2 lbs. ensilage, 6 lbs. alfalfa hay.
Apr., 1915. 13.5 lbs. grain daily of mixture No. 283 with 1.3 lbs. molasses added daily; 3.45 lbs. beet pulp, 28.8 lbs. ensilage, 4 lbs. alfalfa hay.
May, 1915. 13.5 lbs. grain daily of mixture No. 283 with 1.77 lbs. molasses added daily; 3.75 lbs. beet pulp, 30 lbs. ensilage, 6.6 lbs. alfalfa hay, 34 lbs. green rye and vetch.
June, 1915. Same grain ration as given in May with .8 lb. molasses added daily; 3.75 lbs. beet pulp, 30 lbs. ensilage, 3.5 lbs. green oats and peas, .5 lb. clover and 2.7 lbs. alfalfa hay.
July, 1915. 13.5 lbs. daily of mixture No. 283; 3.8 lbs. beet pulp, 6.2 lbs. green oats and peas, 30 lbs. ensilage, 2.6 lbs. clover hay.
Aug., 1915. 13.5 lbs. grain daily, 10.9 lbs. of mixture No. 283 and 2.6 lbs. of the following mixture (No. 305): 100 lbs. each wheat bran, ground oats, and linseed meal, 50 lbs. each corn meal and hominy, 150 lbs. cottonseed meal; 3.75 lbs. beet pulp, 30 lbs. ensilage, 2.8 lbs. clover hay.
Sept., 1915. 13.52 lbs. grain daily of mixture No. 305; 3.75 lbs. beet pulp, 29 lbs. ensilage, 4.5 lbs. clover hay.
Oct., 1915. 14.37 lbs. grain daily, 9.37 lbs. of mixture No. 305 and 5 lbs. of the following mixture (No. 307): 50 lbs. corn meal, 100 lbs. each hominy, ground oats, Distillers' Grains, gluten, and linseed meal, 150 lbs. cottonseed meal; 1 lb. molasses, 3.75 lbs. beet pulp, 26.6 lbs. ensilage, 4.8 lbs. clover and .66 lb. alfalfa hay.

4403 **Glenwood Girl of Springfield 2d 42750**

Sire Glenwood of Maplehurst 2d (14720) A. R.
Sire Glenwood of Maplehurst (10033).
Dam Queen of Maplehurst (19438).
Dam Glenwood Girl of Springfield (40419) A. R. 4197.
Sire Glenwood of Maplehurst 2d (14720) A. R.
Dam Belle of Fairfield (17876).
Breeder Holley A. Petrie, Little Falls, N. Y.
Owner Frank M. Smith, Springfield Center, N. Y.
Born Oct. 22, 1912. *Calved* Mar. 5, 1915. *Served* Sept. 16, 1915.
Requirement for admission: 264.20 lbs. butter fat.

Official year's record: 8655.00 lbs. milk; 411.20 lbs. butter fat.

(Record from Mar. 9, 1915 to Mar. 8, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	658.90 lbs.	5.07 %	33.41 lbs.
Apr.,	"	881.60 "	4.27 "	37.64 "
May,	"	838.30 "	4.47 "	37.47 "
June,	"	832.90 "	4.88 "	40.65 "
July,	"	760.80 "	4.43 "	33.70 "
Aug.,	"	750.70 "	4.79 "	35.96 "
Sept.,	"	665.00 "	5.10 "	33.92 "
Oct.,	"	640.70 "	4.88 "	31.27 "
Nov.,	"	613.70 "	4.55 "	27.92 "
Dec.,	"	635.90 "	4.95 "	31.48 "
Jan.,	1916,	613.60 "	4.93 "	30.25 "
Feb.,	"	601.90 "	4.92 "	29.61 "
Mar.,	"	161.00 "	4.92 "	7.92 "
Total		8655.00 lbs.	4.75 Av. %	411.20 lbs.

Feed

Mar., 1915. 6 qts. bran daily from 9th to 17th, then 6 qts. of equal parts bran and buckwheat middlings; beets, ensilage, and hay.
Apr., 1915. 6 qts. equal parts bran and buckwheat middlings to the 8th, then 9 qts. of equal parts bran, buckwheat middlings, and Schumacher Feed; beets, ensilage, and hay.
May, 1915. Same grain ration as given last of April; roots to the 16th, green rye, 2 hours pasture.
June, 1915. Same ration as given last of May except green oats and peas after the 18th instead of rye.
July, 1915. Same ration as given last of June.
Aug., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. of milk: 100 lbs. each bran, corn meal, gluten, cottonseed meal, and oil meal; green oats and peas.
Sept., 1915. Same ration as given in August.
Oct., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal; ensilage and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal; ensilage and mixed hay.
Jan., 1916. 10 lbs. grain daily of the following mixture: 2 lbs. bran, 1 lb. corn meal, 3 lbs. ground oats, 4 lbs. Ajax Flakes; ensilage and alfalfa hay.
Feb., 1916. 10 lbs. grain daily of the following mixture from 1st to 9th: 3 lbs. bran, 1 lb. corn meal, 2 lbs. ground oats, 4 lbs. Ajax Flakes, then 11 lbs. of the following mixture with .5 lb. oil meal added after the 12th: 2 lbs. each bran and ground oats, 1 lb. corn meal, 3 lbs. each Ajax Flakes and gluten; ensilage and hay.
Mar., 1916. 10.5 lbs. grain daily of the following mixture: 2 lbs. each bran, ground oats, and gluten, 1 lb. corn meal, 3 lbs. Ajax Flakes, .5 lb. oil meal; ensilage and hay.

4404 **Imp. Le Pelley's Maggie IV. 50430**

Sire On Guernsey Freesia's Jewel (R. G. A. S. 2576 P. S.).
Sire Imp. Hero of King's Mills Lodge (16906) A. R.
Dam On Guernsey Freesia IV. (R. G. A. S. 6394 P. S.).
Dam On Guernsey Little Maggie II. (R. G. A. S. 2756 F. S.).
Sire On Guernsey.
Dam On Guernsey Maggie I.
Breeder E. E. Le Pelley, Island of Guernsey.
Owner Burdette P. Craig, Glen Spey, N. Y.
Born Nov. 24, 1912. *Calved* Mar. 11, 1915. *Served* Sept. 4, 1915.
Requirement for admission: 262.80 lbs. butter fat.

Official year's record: 8295.00 lbs. milk; 410.85 lbs. butter fat.

(Record from Mar. 28, 1915 to Mar. 27, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	75.60 lbs.	4.53 %	3.42 lbs.
Apr.,	"	705.50 "	4.53 "	31.96 "
May,	"	837.50 "	4.18 "	35.01 "
June,	"	805.70 "	4.39 "	35.37 "
July,	"	758.90 "	4.53 "	34.38 "
Aug.,	"	733.70 "	4.87 "	35.73 "
Sept.,	"	697.00 "	5.02 "	34.99 "
Oct.,	"	692.90 "	5.12 "	35.48 "
Nov.,	"	654.60 "	5.80 "	37.97 "
Dec.,	"	611.60 "	5.72 "	34.98 "
Jan.,	1916,	610.70 "	5.30 "	32.37 "
Feb.,	"	598.80 "	4.93 "	29.52 "
Mar.,	"	512.50 "	5.79 "	29.67 "
Total		8295.00 lbs.	4.95 Av. %	410.85 lbs.

Feed

Mar., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. O. P. linseed meal; 20 lbs. each ensilage and alfalfa hay.
Apr., 1915. 8 lbs. grain daily same mixture as given in March; 20 lbs. ensilage, 15 lbs. alfalfa hay.
May, 1915. 9 lbs. grain daily same mixture as given in March; 20 lbs. ensilage, 10 lbs. alfalfa hay, pasture.
June, 1915. 9 lbs. grain daily same mixture as given in March from 1st to 20th, then 9 lbs. daily of the following mixture: 400 lbs. each bran and hominy, 200 lbs. each ground oats and gluten, 125 lbs. cottonseed meal, 75 lbs. O. P. linseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay to the 10th then green clover, green oats and peas, and green alfalfa.
July, 1915. 9 lbs. grain daily same mixture as given last of June; 2 lbs. beet pulp, 30 lbs. green alfalfa and clover, 10 lbs. alfalfa hay.
Aug., 1915. Same grain ration as given in July; 2 lbs. beet pulp, 30 lbs. green alfalfa, 10 lbs. alfalfa hay.
Sept., 1915. Same grain ration as given in July; 4 lbs. beet pulp, 25 lbs. green fodder, 6 lbs. alfalfa hay.
Oct., 1915. Same grain ration as given in July; 15 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 8 lbs. grain daily same mixture as given in July from 1st to 16th, then 8 lbs. of the following mixture: 375 lbs. bran, 356.5 lbs. hominy, 225 lbs. ground oats, 75 lbs. Ajax Flakes, 150 lbs. gluten feed, 112.5 lbs. each cottonseed meal and linseed meal; 15 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 350 lbs. bran, 312.5 lbs. hominy meal, 250 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. gluten feed, 125 lbs. each cottonseed meal and linseed meal; 16 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. Same grain ration as given in December from 1st to 17th; 4 lbs. beet pulp and 10 lbs. alfalfa hay: then 8 lbs. grain daily of the following mixture: 325 lbs. bran, 268.75 lbs. hominy meal, 275 lbs. ground oats, 225 lbs. Ajax Flakes, 50 lbs. gluten feed, 137.5 lbs. each cottonseed meal and linseed meal; 4 lbs. beet pulp, 15 lbs. alfalfa hay.
Feb., 1916. Same grain ration as given last of January from 1st to 17th, then 8 lbs. daily of the following mixture: 100 lbs. each bran, ground oats, and Ajax Flakes, 75 lbs. hominy meal, 50 lbs. each cottonseed meal and O. P. oil meal; 4 lbs. beet pulp, 15 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.

4405 **Maypole of Locust Grove Farm 44913**

Sire Raymond of Greenway (14608).
Sire Imp. Raymond of the Préel (11353) A. R.
Dam Imp. Nellie II. of the Baissières (23214).
Dam Imp. Maypole IV. (38853) A. R. 2650.
Sire Imp. Golden Hero of l'Etiennerie (12647) A. R.
Dam On Guernsey Maypole (R. G. A. S. 2012 F. S.).
Breeder Frederick Phillips, Villa Nova, Pa.
Owner Henry W. Leeds, Westville, N. J.
Born Feb. 5, 1913. *Calved* Apr. 14, 1915. *Served* Mar. 1, 1916.
Requirement for admission: 257.60 lbs. butter fat.

Official year's record: 7829.80 lbs. milk; 357.47 lbs. butter fat.
(Record from Apr. 18, 1915 to Apr. 17, 1916.)
Supervised by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	278.10 lbs.	4.32 %	12.01 lbs.
May,	"	905.20 "	4.32 "	39.10 "
June,	"	924.20 "	4.11 "	37.98 "
July,	"	826.80 "	4.24 "	35.06 "
Aug.,	"	601.80 "	4.16 "	25.03 "
Sept.,	"	588.30 "	4.65 "	27.36 "
Oct.,	"	634.30 "	5.05 "	32.03 "
Nov.,	"	594.20 "	5.09 "	30.24 "
Dec.,	"	571.40 "	4.37 "	24.97 "
Jan.,	1916,	550.30 "	4.97 "	27.35 "
Feb.,	"	494.30 "	5.01 "	24.76 "
Mar.,	"	550.40 "	4.83 "	26.58 "
Apr.,	"	310.50 "	4.83 "	15.00 "
Total		7829.80 lbs.	4.57 Av. %	357.47 lbs.

Feed

Apr., 1915. 8 lbs. Larro Feed daily; 20 lbs. ensilage, 8 lbs. hay.
May, 1915. 8 lbs. Larro Feed daily; pasture.
June, 1915. 8 lbs. Larro Feed daily; 3 lbs. beet pulp, pasture.
July, 1915. 8 lbs. Larro Feed daily; 3 lbs. beet pulp, 25 lbs. ensilage, pasture.
Aug., 1915. 8 lbs. Larro Feed daily; 3 lbs. each beet pulp and alfalfa hay, 25 lbs. ensilage, pasture.
Sept., 1915. 8 lbs. Larro Feed daily; 30 lbs. roots from 21st to 30th, 5 lbs. alfalfa hay, pasture.
Oct., 1915. 8 lbs. Larro Feed daily; 30 lbs. ensilage, 5 lbs. alfalfa hay, and pasture.
Nov., 1915. 8 lbs. grain daily of equal parts Larro Feed and Unicorn Dairy Ration; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. 6 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, linseed meal, and Alfa molasses feed, 225 lbs. Ajax Flakes; 30 lbs. roots, 20 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1916. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and gluten, 250 lbs. Ajax Flakes; 30 lbs. roots, 20 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1916. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 250 lbs. Ajax Flakes, 100 lbs. each gluten and linseed meal; 30 lbs. roots, 20 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1916. 5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and gluten, 250 lbs. Ajax Flakes; 20 lbs. each roots and ensilage, 8 lbs. alfalfa hay.

4406 **Motherwell 2d 36855**

Sire Imp. Galaxy's Lavinius (12548) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam Imp. Lady Lavinia (21537).
Dam Motherwell (21611) A. R. 980.
Sire Starlight's Excelsior (7992) A. R.
Dam Bell Atkinson (12053).
Breeder W. D. Hoard, Fort Atkinson, Wis.
Owner W. D. Hoard, Fort Atkinson, Wis.
Born May 18, 1911. *Calved* Jan. 24, 1915.
Requirement for admission: 312.00 lbs. butter fat.

Official year's record: 6153.10 lbs. milk; 336.56 lbs. butter fat.
(Record from Jan. 24, 1915 to Jan. 23, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	125.40 lbs.	4.30 %	5.39 lbs.
Feb.,	"	611.60 "	5.08 "	31.07 "
Mar.,	"	685.90 "	5.04 "	34.57 "
Apr.,	"	648.90 "	5.56 "	36.08 "
May,	"	652.60 "	5.60 "	36.55 "
June,	"	585.70 "	5.37 "	31.45 "
July,	"	534.70 "	5.30 "	28.34 "
Aug.,	"	466.60 "	5.57 "	25.99 "
Sept.,	"	419.20 "	5.63 "	23.60 "
Oct.,	"	388.30 "	5.98 "	23.22 "
Nov.,	"	379.30 "	5.82 "	22.08 "
Dec.,	"	393.40 "	5.59 "	21.99 "
Jan.,	1916,	261.50 "	6.17 "	16.23 "
Total		6153.10 lbs.	5.47 Av. %	336.56 lbs.

Feed

Jan., 1915. 7 lbs. grain daily, 6 lbs. of 1 part corn meal and 2 parts Arcady Dairy Feed, with 1 lb. cottonseed meal added; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. 8 lbs. grain daily, 6 lbs. of 1 part corn meal and 2 parts Hector Feed, with 2 lbs. cottonseed meal added; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. Same ration as given in February.
Apr., 1915. 9 lbs. grain daily, 7 lbs. of 1 part corn meal and 2 parts Hector Feed, with 2 lbs. cottonseed meal added; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. Same ration as given in April.
June, 1915. 7 lbs. grain daily of 5 lbs. Ajax Flakes and 2 lbs. cottonseed meal; pasture.
July, 1915. 5 lbs. Ajax Flakes daily; alfalfa hay and pasture.
Aug., 1915. 5 lbs. Ajax Flakes daily; 20 lbs. ensilage and pasture.
Sept., 1915. 2 lbs. Ajax Flakes daily; ensilage and pasture.
Oct., 1915. 6 lbs. Unicorn Dairy Ration daily; ensilage and pasture.
Nov., 1915. 6 lbs. Ajax Flakes daily; 20 lbs. ensilage, 10 lbs. alfalfa hay, and pasture.
Dec., 1915. 6 lbs. Ajax Flakes daily; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. 6 lbs. Ajax Flakes daily; 30 lbs. ensilage, 10 lbs. alfalfa hay.

4407 **Normandie's Beauty 40718**

Sire Golden Lord Zelma (15811).
Sire Golden Morning 5th (8445).
Dam Zelma (13051) A. R. 31.
Dam Yeksa's Normandie Fannie (22364) A. R. 2044.
Sire Lord Yeksa (6451) A. R.
Dam Normandie Fannie (11682).
Breeder John C. Sommers, Northfield, Minn.
Owner William M. Jones, Waukesha, Wis.
Born Jan. 19, 1912. *Calved* Apr. 6, 1915.
Requirement for admission: 294.90 lbs. butter fat.

Official year's record: 12207.60 lbs. milk; 619.54 lbs. butter fat.
(Record from Apr. 9, 1915 to Apr. 8, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	846.40 lbs.	4.70 %	39.78 lbs.
May,	"	1359.80 "	4.26 "	57.93 "
June,	"	1234.20 "	4.91 "	60.60 "
July,	"	1191.60 "	4.58 "	54.58 "
Aug.,	"	1132.10 "	5.01 "	56.72 "
Sept.,	"	981.30 "	5.08 "	49.85 "
Oct.,	"	956.20 "	5.31 "	50.77 "
Nov.,	"	860.90 "	5.32 "	45 80 "
Dec.,	"	913.70 "	5.62 "	51.35 "
Jan.,	1916,	892.00 "	5.39 "	48.08 "
Feb.,	"	808.30 "	5.52 "	44.62 "
Mar.,	"	832.50 "	5.73 "	47.70 "
Apr.,	"	198.60 "	5.92 "	11.76 "
Total		12207.60 lbs.	5.08 Av. %	619.54 lbs.

Feed

Apr., 1915. 12.25 lbs. grain daily of the following mixture: 3 lbs. bran, 1.5 lbs. each corn meal and ground oats, 4 lbs. Ajax Flakes, 2.25 lbs. oil meal; 9 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
May, 1915. 14.25 lbs. grain daily of the following mixture: 1.5 lbs. each bran, ground oats, and oil meal, 2.25 lbs. corn meal, 7.5 lbs. Ajax Flakes; 9 lbs. beet pulp, 18 lbs. ensilage.
June, 1915. Same ration as given in May.
July, 1915. 14.1 lbs. grain daily of the following mixture: 3 lbs. each corn meal and ground oats, 6 lbs. Ajax Flakes, 2.1 lbs. oil meal; 13.5 lbs. beet pulp, 15 lbs. ensilage.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. 15.6 lbs. grain daily of the following mixture: 6 lbs. ground oats, 7.5 lbs. Ajax Flakes, 2.1 lbs. oil meal; 7.5 lbs. beet pulp, 24 lbs. roots, 12 lbs. ensilage.
Dec., 1915. 14.1 lbs. grain daily of the following mixture: 1.5 lbs. corn meal, 3 lbs. ground oats, 7.5 lbs. Ajax Flakes, 2.1 lbs. oil meal; 9 lbs. beet pulp, 24 lbs. roots, 12 lbs. ensilage.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.
Mar., 1916. 12.6 lbs. grain daily of the following mixture; 3 lbs. ground oats, 7.5 lbs. Ajax Flakes, 2.1 lbs. oil meal; 9 lbs. beet pulp, 24 lbs. roots, 12 lbs. ensilage.
Apr., 1916. Same ration as given in March.

4408 **Marguerite of Sunny Valley 40719**

Sire Lord Waukesha (10148) A. R.
Sire Lord Yeksa (6451) A. R.
Dam Rubina T. (6223).
Dam Gem's Marguerite (19276) A. R. 1593.
Sire Glenwood's Sheet Anchor of Haddon (6372).
Dam Alta's Gem (8597) A. R. 376.
Breeder William M. Jones, Waukesha, Wis.
Owner William M. Jones, Waukesha, Wis.
Born Jan. 22, 1912. *Calved* Apr. 16, 1915.
Requirement for admission: 295.50 lbs. butter fat.

Official year's record: 11174.30 lbs. milk; 629.47 lbs. butter fat.

(Record from Apr. 18, 1915 to Apr. 17, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	426.30 lbs.	6.60 %	28.14 lbs.
May,	"	1304.80 "	5.18 "	67.59 "
June,	"	1228.90 "	5.30 "	65.13 "
July,	"	1212.70 "	5.07 "	61.48 "
Aug.,	"	1155.80 "	5.11 "	59.06 "
Sept.,	"	1028.90 "	5.35 "	55.05 "
Oct.,	"	965.40 "	5.71 "	55.12 "
Nov.,	"	819.00 "	5.77 "	47.26 "
Dec.,	"	707.00 "	6.19 "	43.76 "
Jan.,	1916,	748.50 "	6.24 "	46.71 "
Feb.,	"	678.90 "	6.34 "	43.04 "
Mar.,	"	629.70 "	6.38 "	40.17 "
Apr.,	"	268.40 "	6.32 "	16.96 "
Total		11174.30 lbs.	5.63 Av. %	629.47 lbs.

Feed

Apr., 1915. 8.25 lbs. grain daily of the following mixture: 3 lbs. each bran and Ajax Flakes, .75 lb. ground oats, 1.5 lbs. oil meal; 12 lbs. ensilage, alfalfa hay.
May, 1915. 12.75 lbs. grain daily of the following mixture: 1.5 lbs. each bran, ground oats, and oil meal, 2.25 lbs. corn meal, 6 lbs. Ajax Flakes; 9 lbs. beet pulp, 18 lbs. ensilage.
June, 1915. Same ration as given in May.
July, 1915. 12 lbs. grain daily of the following mixture: 2 lbs. each corn meal, ground oats, and oil meal, 6 lbs. Ajax Flakes; 10 lbs. each beet pulp and ensilage.
Aug., 1915. 10 lbs. grain daily of the following mixture: 4 lbs. each ground oats and Ajax Flakes, 2 lbs. oil meal; 12 lbs. each beet pulp and ensilage, 16 lbs. roots.
Sept., 1915. Same ration as given in August.
Oct., 1915. Same ration as given in August.
Nov., 1915. 16 lbs. grain daily of the following mixture: 6 lbs. ground oats, 8 lbs. Ajax Flakes, 2 lbs. oil meal; 10 lbs. each beet pulp and ensilage, 20 lbs. roots.
Dec., 1915. 10 lbs. grain daily of the following mixture: 4 lbs. each ground oats and Ajax Flakes, 2 lbs. oil meal; 10 lbs. beet pulp, 28 lbs. roots, 12 lbs. ensilage.
Jan., 1916. 7.5 lbs. grain daily of the following mixture: 3 lbs. each ground oats and Ajax Flakes, 1.5 lbs. oil meal; 7.5 lbs. beet pulp, 21 lbs. roots, 9 lbs. ensilage.
Feb., 1916. Same ration as given in January.
Mar., 1916. Same ration as given in January.
Apr., 1916. Same ration as given in January.

4409 **Busy Body of Oak Hill 36398**

Sire Ray of Portland (10740) A. R.
Sire Ray of Gold (6309)
Dam Pauline Beaver (10166).
Dam Glencoe's Lily (17024) A. R. 1310.
Sire Glencoe's Canterbury (7728) A. R.
Dam Lily Bell of Canterbury 3d (13480).
Breeder J. Amory Haskell, Red Bank, N. J.
Owner J. Amory Haskell, Red Bank, N. J.
Born Feb. 12, 1910. *Calved* Mar. 13, 1915. *Served* Oct. 27, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8693.00 lbs. milk; 486.62 lbs. butter fat.

(Record from Mar. 17, 1915 to Mar. 16, 1916.)
Supervised by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	411.50 lbs.	5.35 %	22.02 lbs.
Apr.,	"	876.10 "	5.35 "	46.87 "
May,	"	890.70 "	5.11 "	45.51 "
June,	"	851.00 "	4.85 "	41.27 "
July,	"	867.90 "	5.19 "	45.04 "
Aug.,	"	835.80 "	5.28 "	44.13 "
Sept.,	"	717.50 "	5.53 "	39.68 "
Oct.,	"	656.30 "	6.39 "	41.94 "
Nov.,	"	604.00 "	5.88 "	35.51 "
Dec.,	"	609.70 "	6.17 "	37.62 "
Jan.,	1916,	588.70 "	6.09 "	35.85 "
Feb.,	"	525.40 "	6.53 "	34.31 "
Mar.,	"	258.40 "	6.53 "	16.87 "
Total		8693.00 lbs.	5.60 Av. %	486.62 lbs.

Feed

Mar., 1915. 10 lbs. grain daily of the following mixture: 3 parts each bran and ground oats, 1 part each corn meal and oil meal; 5 lbs. beet pulp, 30 lbs. ensilage, alfalfa hay.
Apr., 1915. 12 lbs. grain daily of the following mixture: 1 part each bran and ground oats, .5 part each hominy, cottonseed meal, and oil meal, 1.5 parts Distillers' Grains; 30 lbs. ensilage, alfalfa hay.
May, 1915. 8 lbs. grain daily of the following mixture: 3 parts bran, 1 part each corn meal and beet pulp, 2 parts each hominy, ground oats, and gluten, 4 parts Unicorn Dairy Ration, 1.5 parts each Ajax Flakes, cottonseed meal, and oil meal; pasture.
June, 1915. 9.2 lbs. grain daily of the following mixture: 1.2 lbs. each bran, ground oats, and Ajax Flakes, .3 lb. corn meal, .9 lb. each hominy and cottonseed meal, 1.7 lbs. Unicorn Dairy Ration, .6 lb. each gluten, oil meal, and beet pulp; 5 lbs. alfalfa hay, pasture.
July, 1915. 10 lbs. grain daily of the following mixture with 2 parts Union Grains added after the 25th: 3 parts each bran and ground oats, 2 parts each hominy, gluten, and Ajax Flakes, 1.5 parts Unicorn Dairy Ration, 1 part each cottonseed meal and oil meal; 6 lbs. alfalfa hay and pasture.
Aug., 1915. 10 lbs. grain daily of the following mixture: 3 parts each bran and ground oats, 1 part each hominy, corn meal, and cottonseed meal, 2 parts each Union Grains and gluten, 1.75 parts Ajax Flakes, 1.25 parts oil meal; 3 lbs. beet pulp, 15 lbs. beets, 10 lbs. green corn, 8 lbs. alfalfa hay, pasture.
Sept., 1915. 10 lbs. grain daily of the following mixture: 5 parts bran, 2 parts each hominy, ground oats, Ajax Flakes, and gluten, 1 part each Schumacher Feed and Union Grains, .75 part cottonseed meal, 1.5 parts oil meal; 3 lbs. beet pulp, 15 lbs. beets, 10 lbs. green corn to the 10th then 20 lbs. ensilage, 10 lbs. alfalfa hay, pasture.
Oct., 1915. 10 lbs. grain daily of the following mixture: 2 lbs. each bran, gluten, Ajax Flakes, and hominy, 3 lbs. ground oats, 1.75 lbs. Union Grains, 1 lb. each corn meal, cottonseed meal, and oil meal; 20 lbs. ensilage, 15 lbs. beets, 8 lbs. alfalfa hay, pasture.
Nov., 1915. 10 lbs. grain daily of the following mixture: 3 lbs. each bran and ground oats, 1 lb. each hominy, cottonseed meal, and oil meal, 2 lbs. each Ajax Flakes, Union Grains, and gluten; 10 lbs. each beets and alfalfa hay, 35 lbs. ensilage.
Dec., 1915. 10 lbs. grain daily of the following mixture: 3 lbs. each bran, ground oats, and gluten, 2 lbs. each hominy, Ajax Flakes, and Union Grains, 1 lb. each cottonseed meal, oil meal, and beet pulp; 3 lbs. beet pulp, 12 lbs. beets, 35 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. 10 lbs. grain daily of the following mixture: 3 lbs. bran, 2 lbs. each ground oats, Ajax Flakes, and gluten, 5 lbs. Union Grains, 1 lb. each cottonseed meal and oil meal; 10 lbs. beets, 3 lbs. beet pulp, 35 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each hominy, gluten, cottonseed meal, and oil meal, 600 lbs. Union Grains; 3 lbs. beet pulp, 10 lbs. beets, 35 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.

4410 **Imp. Ballet of Sarnia 46529**

Sire Imp. Sir Harcourt of Château à l'etocq (18420) A. R.
Sire On Alderney Conqueror (R. A. A. S. 71 F. S.) A. R.
Dam On Alderney Florrie of Château à l'etocq (R. A. A. S. 551 F. S.).
Dam On Alderney Starcher of Quesnard (R. A. A. S. 566 F. S.).
Sire On Alderney.
Dam On Alderney.
Breeder John Godfray, Island of Alderney.
Owner Charles L. Hill, Rosendale, Wis.
Born July 10, 1911. *Calved* Mar. 29, 1915. *Served* Sept. 6, 1915.
Requirement for admission: 314.10 lbs. butter fat.

Official year's record: 7169.80 lbs. milk; 375.16 lbs. butter fat.

(Record from Apr. 8, 1915 to Apr. 7, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	692.70 lbs.	4.89 %	33.87 lbs.
May,	"	823.80 "	3.75 "	30.89 "
June,	"	731.20 "	4.75 "	34.73 "
July,	"	690.60 "	5.42 "	37.43 "
Aug.,	"	640.80 "	4.11 "	26.34 "
Sept.,	"	505.20 "	6.52 "	32.94 "
Oct.,	"	471.00 "	6.43 "	30.29 "
Nov.,	"	458.30 "	5.85 "	26.81 "
Dec.,	"	510.20 "	5.60 "	28.57 "
Jan.,	1916,	552.10 "	5.27 "	29.10 "
Feb.,	"	504.70 "	5.34 "	26.95 "
Mar.,	"	494.30 "	6.32 "	31.24 "
Apr.,	"	94.90 "	6.32 "	6.00 "
Total		7169.80 lbs.	5.23 Av. %	375.16 lbs.

Feed

Apr., 1915. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, Arcady Dairy Feed, and Unicorn Dairy Ration, 50 lbs. each ground corn and ground oats; 25 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 4 lbs. grain daily of the following mixture: 1 part each bran, ground corn and oats, Arcady Special Feed, and Unicorn Dairy Ration; 4 lbs. ensilage, pasture.
June, 1915. 4 lbs. grain daily equal parts Arcady Dairy Feed and Unicorn Dairy Ration; ensilage and pasture.
July, 1915. 6 lbs. Unicorn Dairy Ration daily; 42 lbs. ensilage, pasture.
Aug., 1915. 6 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay, pasture.
Sept., 1915. 6 lbs. grain daily equal parts ground oats and Unicorn Dairy Ration; 20 lbs. ensilage, green corn, hay, and pasture.
Oct., 1915. 7.5 lbs. grain daily equal parts ground oats and Unicorn Dairy Ration; 30 lbs. ensilage, 8 lbs. hay, and pasture.
Nov., 1915. Same grain ration as given in October; 30 lbs. ensilage, 8 lbs. clover hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same grain ration as given in October; 25 lbs. ensilage, 10 lbs. hay.
Feb., 1916. 14.4 lbs. grain daily of the following amounts: 105 lbs. bran, 104 lbs. ground oats, 209 lbs. Unicorn Dairy Ration; 30 lbs. ensilage, 10 lbs. hay.
Mar., 1916. 7.5 lbs. grain daily of the following mixture: 50 lbs. each bran and ground oats, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 10 lbs. hay.
Apr., 1916. 4 lbs. grain daily of the following mixture: 50 lbs. each bran and ground oats, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 8 lbs. hay.

4411 **Glen's Clover Blossom 36041**

Sire Glen of Venetia (14894).
Sire Glen of Castle Creek (11751)
Dam Mary Campbell (19991).
Dam Nicolette (17236).
Sire Maurine's College Boy (9257).
Dam Cena 2d (8098).
Breeder S. F. Cooper, Finleyville, Pa.
Owner S. L. Tone, Canonsburg, Pa.
Born Nov. 23, 1910. *Calved* Apr. 2, 1915. *Served* Dec. 9, 1915.
Requirement for admission: 337.20 lbs. butter fat.

Official year's record: 11621.40 lbs. milk; 553.31 lbs. butter fat.

(Record from Apr. 10, 1915 to Apr. 9, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	765.80 lbs.	4.23 %	32.39 lbs.
May,	"	1394.50 "	4.27 "	59.55 "
June,	"	1314.50 "	4.40 "	57.84 "
July,	"	1236.20 "	4.34 "	53.65 "
Aug.,	"	1182.00 "	4.52 "	53.43 "
Sept.,	"	1055.40 "	4.88 "	51.50 "
Oct.,	"	904.80 "	4.83 "	43.70 "
Nov.,	"	760.90 "	5.43 "	41.32 "
Dec.,	"	701.40 "	5.63 "	39.49 "
Jan.,	1916,	693.20 "	5.33 "	36.95 "
Feb.,	"	698.60 "	4.95 "	34.58 "
Mar.,	"	707.60 "	5.35 "	37.86 "
Apr.,	"	206.50 "	5.35 "	11.05 "
Total		11621.40 lbs.	4.76 Av. %	553.31 lbs.

Feed

Apr., 1915. 5.4 to 10.2 lbs. grain daily of the following mixture: 38.8 lbs. each bran and corn meal, 46.6 lbs. ground oats, 5 lbs. Hammond Dairy Feed, 19.1 lbs. gluten, 24.1 lbs. oil meal; 30 lbs. ensilage, 20 lbs. alfalfa hay.
May, 1915. 10.2 to 10.1 lbs. grain daily of the following mixture: 53.5 lbs. each bran and corn meal, 68 lbs. ground oats, 36.5 lbs. Hammond Dairy Feed, 48.8 lbs. gluten, 53.8 lbs. oil meal; 30 lbs. ensilage and 20 lbs. alfalfa hay to the 4th, then pasture.
June, 1915. 9.98 lbs. grain daily of the following mixture: 1.54 lbs. each bran and corn meal, 1.93 lbs. ground oats, 1.47 lbs. Hammond Dairy Feed, 1.75 lbs. each gluten and oil meal; pasture.
July, 1915. 10 lbs. grain daily of the following mixture: 1.54 lbs. each bran and corn meal, 1.93 lbs. ground oats, 1.47 lbs. Hammond Dairy Feed, 1.76 lbs. each gluten and oil meal; pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same grain ration as given in July; 8 lbs. alfalfa hay and pasture.
Oct., 1915. Same ration as given in July.
Nov., 1915. Same grain ration as given in July; pasture to the 15th, then 28 lbs. ensilage and 16 lbs. alfalfa hay.
Dec., 1915. 7.99 lbs. grain daily of the following mixture: 1.23 lbs. each bran and corn meal, 1.54 lbs. ground oats, 1.17 lbs. Hammond Dairy Feed, 1.41 lbs. each gluten and oil meal; 28 lbs. ensilage, 16 lbs. alfalfa hay.
Jan., 1916. 10 lbs. grain daily of the following mixture: 1.54 lbs. each bran and corn meal, 1.93 lbs. ground oats, 1.47 lbs. Hammond Dairy Feed, 1.76 lbs. each gluten and oil meal; 28 lbs. ensilage, 6 lbs. corn fodder, 16 lbs. alfalfa hay.
Feb., 1916. 9.8 lbs. grain daily of the following mixture: 1.6 lbs. each bran, gluten, and oil meal, 1.4 lbs. corn meal, 2.3 lbs. ground oats, 1.3 lbs. Unicorn Dairy Ration; 28 lbs. ensilage, 6 lbs. corn fodder, 16 lbs. alfalfa hay.
Mar., 1916. Same grain ration as given in February; 10 lbs. beets, 28 lbs. ensilage, 6 lbs. corn fodder, 16 lbs. alfalfa hay.
Apr., 1916. Same ration as given in March.

4412 **Witch 3d 27222**

Sire Vega's Grandson (12210) A. R.
Sire Glenwood's Main Stay 6th (8641) A. R.
Dam Vega 2d (15926) A. R. 375.
Dam Witch (19283).
Sire G. Washington of Mapleton (7281) A. R.
Dam Molly of Elkdale (14250).
Breeder George M. Carpenter, Wilkes-Barre, Pa.
Owner George M. Carpenter, Wilkes-Barre, Pa.
Born Dec. 16, 1908. *Calved* Dec. 10, 1014. *Served* Aug. 24, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10341.70 lbs. milk; 541.59 lbs. butter fat.

(Record from Dec. 14, 1914 to Dec. 13, 1915.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	866.50 lbs.	5.31 %	46.01 lbs.
Jan.,	1915,	1494.00 "	4.88 "	72.91 "
Feb.,	"	1203.90 "	4.98 "	59.95 "
Mar.,	"	1000.80 "	5.00 "	50.04 "
Apr.,	"	962.30 "	5.22 "	50.23 "
May,	"	980.80 "	5.52 "	54.14 "
June,	"	845.30 "	5.29 "	44.72 "
July,	"	801.70 "	5.33 "	42.73 "
Aug.,	"	716.70 "	5.18 "	37.13 "
Sept.,	"	503.30 "	5.60 "	28.18 "
Oct.,	"	439.10 "	5.70 "	25.03 "
Nov.,	"	376.40 "	5.98 "	22.51 "
Dec.,	"	150.90 "	5.31 "	8.01 "
Total		10341.70 lbs.	5.24 Av. %	541.59 lbs.

Feed

Dec., 1914. 12 lbs. grain daily of the following mixture: 200 lbs. each bran, Brewers' Grains, and gluten, 100 lbs. each corn meal, ground oats, Distillers' Grains, cottonseed meal, and linseed meal; 40 lbs. roots, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, Distillers' Grains, gluten, cottonseed meal, and linseed meal; 30 lbs. beets, 35 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1915. Same grain ration as given in January with 150 lbs. Brewers' Grains added; 35 lbs. beets, 30 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. Same ration as given in February.
Apr., 1915. Same ration as given in February.
May, 1915. Same ration as given in February.
June, 1915. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, Distillers' Grains, and cottonseed meal, 200 lbs. Brewers' Grains; pasture.
July, 1915. 6 lbs. grain daily equal parts bran, corn meal, and Brewers' Grains; green oats and peas and pasture.
Aug., 1915. 6 lbs. grain daily equal parts bran, corn meal, ground oats, and linseed meal; green corn, green oats and peas, and pasture.
Sept., 1915. 7 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and gluten, 50 lbs. each ground oats and linseed meal; green corn, peas and oats, and pasture.
Oct., 1915. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and gluten, 50 lbs. each corn meal and linseed meal; 20 lbs. ensilage, pasture.
Nov., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and linseed meal; 15 lbs. beets, 20 lbs. ensilage, and clover hay.
Dec., 1915. Same ration as given in November.

4413 Esther of Guernsey Knob 4th 27332

Sire Vega's Grandson (12210) A. R.
Sire Glenwood's Main Stay 6th (8641) A. R.
Dam Vega 2d (15926) A. R. 375.
Dam Esther of Guernsey Knob (18072).
Sire Sir Coral 2d (6819).
Dam Mildred of Maulton (15640).
Breeder George M. Carpenter, Wilkes-Barre, Pa.
Owner George M. Carpenter, Wilkes-Barre, Pa.
Born Dec. 21, 1908. *Calved* Jan. 24, 1915. *Served* Dec. 2, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 13003.30 lbs. milk; 618.97 lbs. butter fat.

(Record from Jan. 29, 1915 to Jan. 28, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	95.90 lbs.	5.21 %	5.00 lbs.
Feb.,	"	1031.90 "	5.21 "	53.76 "
Mar.,	"	1321.90 "	4.97 "	65.70 "
Apr.,	"	1371.60 "	4.37 "	59.94 "
May,	"	1345.20 "	4.14 "	55.69 "
June,	"	1232.70 "	4.29 "	52.88 "
July,	"	1169.40 "	4.34 "	50.75 "
Aug.,	"	1173.20 "	4.63 "	54.32 "
Sept.,	"	893.30 "	5.36 "	47.88 "
Oct.,	"	913.90 "	5.22 "	47.71 "
Nov.,	"	856.00 "	5.22 "	44.68 "
Dec.,	"	866.00 "	5.01 "	43.39 "
Jan.,	1916,	732.30 "	5.09 "	37.27 "
Total		13003.30 lbs.	4.76 Av. %	618.97 lbs.

Feed

Jan., 1915. 10 lbs. grain daily equal parts bran, corn meal, ground oats, Distillers' Grains, gluten, cottonseed meal, and linseed meal; 25 lbs. each beets and ensilage.
Feb., 1915. Same grain ration as given in January with 150 lbs. wet Brewers' Grains added; 30 lbs. beets, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1915. Same ration as given in February.
Apr., 1915. Same ration as given in February.
May, 1915. Same ration as given in February.
June, 1915. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, Distillers' Grains, and cottonseed meal, 200 lbs. Brewers' Grains; pasture.
July, 1915. 8 lbs. grain daily equal parts bran, corn meal, and Distillers' Grains; green oats and peas and pasture.
Aug., 1915. 9 lbs. grain daily equal parts bran, corn meal, ground oats, and linseed meal; green corn, oats and peas, and pasture.
Sept., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and gluten, 50 lbs. each ground oats and linseed meal; green corn, oats and peas, and pasture.
Oct., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and gluten, 50 lbs. each corn meal and linseed meal; 20 lbs ensilage and pasture.
Nov., 1915. 9 lbs. grain daily equal parts bran, corn meal, gluten, and linseed meal; 30 lbs. beets, 25 lbs. ensilage, clover hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.

4414 Imp. Princess of the Vrangue II. 36464

Sire Imp. Darby (19602) A. R.
Sire On Guernsey Jim of Newgrove (R. G. A. S. 1930 P. S.) A. R.
Dam Imp. Darby's Joan (26638).
Dam Imp: Princess of the Vrangue (39901).
Sire On Guernsey Fair Lad II. of Calais (R. G. A. S. 1800 P. S.).
Dam On Guernsey Princess of the Martins (R. G. A. S. 2499 F. S.).
Breeder John Sherwill, Island of Guernsey.
Owner The Belle Vernon-Mapes Dairy Co., Cleveland, Ohio.
Sold Mar. 23, 1916 to C. G. Wilderson, Leetonia, Ohio.
Born Jan. 1, 1911. *Calved* Mar. 27, 1915. *Served* June 12, 1915.
Requirement for admission: 332.40 lbs. butter fat.

Official year's record: 7882.60 lbs. milk; 427.03 lbs. butter fat.

Supervised under one day test by Ohio State University, Columbus, Ohio.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	1265.00 lbs.	5.57 %	70.46 lbs.
May,	"	1351.00 "	5.19 "	70.12 "
June,	"	1115.60 "	4.74 "	52.88 "
July,	"	1012.70 "	5.32 "	53.88 "
Aug.,	"	942.20 "	5.16 "	48.62 "
Sept.,	"	897.00 "	5.72 "	51.31 "
Oct.,	"	699.30 "	5.95 "	41.61 "
Nov.,	"	599.80 "	6.36 "	38.15 "
Dec.,	"	No record given.		
Jan.,	1916,	" " "		
Feb.,	"	" " "		
Mar.,	"	" " "		
Total		7882.60 lbs.	5.42 Av. %	427.03 lbs.

Feed

Apr., 1915. 13.5 lbs. grain daily of the following mixture: 4.5 lbs. bran, 3 lbs. each ground oats, Distillers' Grains, and oil meal; 3 lbs. beet pulp, 12 lbs. ensilage, 15 lbs. alfalfa hay.
May, 1915. 11 lbs. grain daily of the following mixture: 4 lbs. bran, 1 lb. each corn meal, oil meal, and molasses, 2 lbs. each ground oats and Distillers' Grains; 2 lbs. beet pulp, 8 lbs. ensilage, 15 lbs. alfalfa hay.
June, 1915. 12 lbs. grain daily of the following mixture: 3 lbs. each bran, ground oats, and Distillers' Grains, 1 lb. molasses, 2 lbs. oil meal; 2 lbs. beet pulp, 5 lbs. ensilage, 10 lbs. each green alfalfa and hay.
July, 1915. Same grain ration as given in June; 3 lbs. beet pulp, 10 lbs. ensilage, alfalfa hay.
Aug., 1915. Same grain ration as given in June; 4 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. green peas, alfalfa hay.
Sept., 1915. 17.5 lbs. grain daily of the following mixture: 3 lbs. each bran and oil meal, 6 lbs. ground oats, 4.5 lbs. Distillers' Grains, 1 lb. molasses; 6 lbs. beet pulp, 45 lbs. ensilage, 30 lbs. hay.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same ration as given in September.
Dec., 1915. No record given.
Jan., 1916. No record given.
Feb., 1916. No record given.
Mar., 1916. No record given.

4415 Judge Paul's Folly Lady 38186

Sire Judge Paul Select (19018).
Sire Plymouth Paul (10353).
Dam Judge's Choice (26016).
Dam Gyp's Folly (29461).
Sire Fernwood of Homestead (7448) A. R.
Dam Gypsy of the Glen (14302).
Breeder William H. Caldwell, Peterborough, N. H.
Owner Grinnell Martin, Milford, Conn.
Sold Dec. 20, 1915 to Stevens Bros., North Andover, Mass.
Born July 10, 1911. *Calved* Apr. 5, 1915. *Served* Dec. 12, 1915.
Requirement for admission: 314.50 lbs. butter fat.

Official year's record: 11465.70 lbs. milk; 544.33 lbs. butter fat.

(Record from Apr. 12, 1915 to Apr. 11, 1916.)
Supervised by Storrs and Massachusetts Agricultural Experiment Stations.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	746.00 lbs.	4.19 %	31.26 lbs.
May,	"	1332.00 "	4.19 "	55.81 "
June,	"	1280.00 "	4.34 "	55.55 "
July,	"	1242.90 "	4.53 "	56.30 "
Aug.,	"	1067.40 "	4.45 "	47.50 "
Sept.,	"	859.80 "	4.47 "	38.43 "
Oct.,	"	873.20 "	5.04 "	44.01 "
Nov.,	"	820.30 "	5.18 "	42.49 "
Dec.,	"	805.70 "	5.30 "	42.70 "
Jan.,	1916,	777.20 "	5.33 "	41.42 "
Feb.,	"	692.10 "	5.24 "	36.27 "
Mar.,	"	714.10 "	5.44 "	38.85 "
Apr.,	"	255.00 "	5.39 "	13.74 "
Total		11465.70 lbs.	4.75 Av. %	544.33 lbs.

Feed

Apr., 1915. 12 lbs. grain daily of the following mixture: 3.6 lbs. bran, 1.2 lbs. each corn meal, gluten, and oil meal, 2.4 lbs. each ground oats and cottonseed meal; 8 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
May, 1915. 15 lbs. grain daily of the following mixture: 4.5 lbs. bran, 1.5 lbs. each corn meal, gluten, and oil meal, 3 lbs. each ground oats and cottonseed meal; 25 lbs. ensilage, 10 lbs. hay.
June, 1915. 13.5 lbs. grain daily of the following mixture: 4.05 lbs. bran, 1.35 lbs. each corn meal, gluten, and oil meal, 2.7 lbs. each ground oats and cottonseed meal; 3.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.
July, 1915. 6.6 lbs. grain daily of the following mixture: 1.8 lbs. bran, 1.2 lbs. each corn meal, ground oats, and cottonseed meal, .6 lb. each gluten and oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. Same grain ration as given in July; 8 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.
Sept., 1915. 7.15 lbs. grain daily of the following mixture: 1.95 lbs. bran, 1.3 lbs. each corn meal, ground oats, and cottonseed meal, .65 lb. each gluten and oil meal; 8 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Oct., 1915. 10 lbs. Unicorn Dairy Ration daily with 4 lbs. barley sprouts from 25th to 31st; 4 lbs. beet pulp from 1st to 24th, 25 lbs. ensilage, 10 lbs. hay.
Nov., 1915. 13 lbs. grain daily, 9 lbs. Unicorn Dairy Ration and 4 lbs. barley sprouts; 25 lbs. ensilage, 10 lbs. hay.
Dec., 1915. 9 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 10 lbs. hay.
Jan., 1916. 10 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 160 lbs. ground oats, 200 lbs. each Brewers' Grains, gluten, oil meal, and beet pulp; 30 lbs. ensilage, 5 lbs. alfalfa and 10 lbs. mixed hay.
Feb., 1916. 10 lbs. grain daily of the following mixture: 200 lbs. each bran and Brewers' Grains, 100 lbs. each corn meal, ground oats, cottonseed meal, and oil meal, 50 lbs. gluten; 2 lbs. beet pulp, 30 lbs. ensilage, 5 lbs. alfalfa and 10 lbs. mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.

4416 **Kornova of Birchwood 44463**

Sire Dairymaid's King (12898) A. R.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Dairymaid of Elm Place (14197) A. R. 19.
Dam Olive of Richmond (15815) A. R. 218.
Sire King Coral (5238) A. R.
Dam Laura Bishop (13367).
Breeder M. L. Welles, Rosendale, Wis.
Owner M. L. Welles, Rosendale, Wis.
Born Dec. 7, 1912. *Calved* Mar. 16, 1915. *Served* July 10, 1915.
Requirement for admission: 260.70 lbs. butter fat.

Official year's record: 6439.20 lbs. milk; 297.01 lbs. butter fat.

(Record from Mar. 20, 1915 to Mar. 19, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	299.00 lbs.	4.57 %	13.66 lbs.
Apr.,	"	641.30 "	3.78 "	24.24 "
May,	"	816.20 "	4.24 "	34.61 "
June,	"	764.40 "	4.61 "	35.24 "
July,	"	660.30 "	4.53 "	29.91 "
Aug.,	"	552.90 "	4.57 "	25.27 "
Sept.,	"	514.10 "	4.45 "	22.88 "
Oct.,	"	554.20 "	5.10 "	28.26 "
Nov.,	"	483.40 "	4.80 "	23.20 "
Dec.,	"	451.30 "	4.99 "	22 52 "
Jan.,	1916,	425.50 "	4.97 "	21.15 "
Feb.,	"	276.60 "	5.81 "	16 07 "
Mar.,	"	Dry.		
Total		6439.20 lbs.	4.61 Av. %	297.01 lbs.

Feed

Mar., 1915. 6 lbs. grain daily of the following mixture: 20 lbs. barley meal, 10 lbs. Arcady Dairy Feed, 40 lbs. Unicorn Dairy Ration; 20 lbs. ensilage, 6 lbs. mixed hay.
Apr., 1915. 5.3 lbs. grain daily of the following mixture: 90 lbs. barley meal, 35 lbs. each Arcady Dairy Feed and Unicorn Dairy Ration; 20 lbs. ensilage, 8 lbs. mixed hay.
May, 1915. 3.2 lbs. grain daily of the following mixture: 40 lbs. barley meal, 30 lbs. each Arcady Dairy Feed and Unicorn Dairy Ration; 10 lbs. ensilage, 2.5 lbs. mixed hay, and pasture.
June, 1915. 4 lbs. grain daily of the following mixture: 60 lbs. each (ground oats and barley) and Unicorn Dairy Ration; 30 lbs. ensilage, pasture.
July, 1915. 4 lbs. grain daily of the following mixture: 62 lbs. bran, 66 lbs. ground oats; 20 lbs. ensilage, pasture.
Aug., 1915. 5 lbs. grain daily of the following mixture: 40 lbs. ground oats, 20 lbs. Schumacher Feed, 93 lbs. Unicorn Dairy Ration; 20 lbs. ensilage, pasture.
Sept., 1915. 5 lbs. grain daily of the following mixture: 120 lbs. Schumacher Feed, 30 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 8 lbs. clover hay, pasture.
Oct., 1915. 5 lbs. grain daily of the following mixture: 124 lbs. oat meal, 31 lbs. Unicorn Dairy Ration; 22.5 lbs. ensilage, 6.4 lbs. clover hay, and pasture.
Nov., 1915. 5 lbs. grain daily of the following mixture: 120 lbs. ground oats, 30 lbs. Unicorn Dairy Ration; 5.6 lbs. roots, 25 lbs. ensilage, 7.3 lbs. hay.
Dec., 1915. 5 lbs. grain daily of the following mixture: 93 lbs. ground oats, 62 lbs. Unicorn Dairy Ration; 2.5 lbs. roots, 25 lbs. ensilage, 7 lbs. mixed hay.
Jan., 1916. 5 lbs. grain daily of the following mixture: 20 lbs. bran, 62 lbs. Unicorn Dairy Ration, 70 lbs. ground oats; 4 lbs. roots, 25 lbs. ensilage, 8 lbs. mixed hay.
Feb., 1916. 4.5 lbs. grain daily of the following mixture: 58 lbs. bran, 75 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 6.8 lbs. hay.
Mar., 1916. 2 lbs. grain daily of the following mixture: 1 lb. each bran and Unicorn Dairy Ration; 20 lbs. ensilage, 8 lbs. hay.

4417 **Glenelm's Otsego Girl 32863**

Sire Glenelm (13683).
Sire Woodglen of Mossgiel (10379).
Dam Creusa of Elmwood 4th (21809) A. R. 1454.
Dam Glenelm Style (25383).
Sire Woodglen of Mossgiel (10379).
Dam Elmwood Style 3d's Prize (20233).
Breeder H. S. Hopkins, Delmar, N. Y.
Owner Frank M. Smith, Springfield Center, N. Y.
Born Apr. 1, 1910. *Calved* Mar. 13, 1915. *Served* Aug. 15, 1915.
Requirement for admission: 358.40 lbs. butter fat.

Official year's record: 9995.70 lbs. milk; 410.92 lbs. butter fat.

(Record from Mar. 17, 1915 to Mar. 16, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	542.20 lbs.	4.03 %	21.85 lbs.
Apr.,	"	1042.70 "	4.03 "	42.02 "
May,	"	1016.50 "	3.82 "	38.83 "
June,	"	952.10 "	3.95 "	37.61 "
July,	"	913.70 "	3.80 "	34.72 "
Aug.,	"	850.10 "	4.13 "	35.11 "
Sept.,	"	747.90 "	4.36 "	32.61 "
Oct.,	"	708.90 "	4.34 "	30.77 "
Nov.,	"	652.20 "	4.35 "	28.37 "
Dec.,	"	683.30 "	4.47 "	30.54 "
Jan.,	1916,	719.70 "	4.18 "	30.08 "
Feb.,	"	750.50 "	4.15 "	31.15 "
Mar.,	"	415.90 "	4.15 "	17.26 "
Total		9995.70 lbs.	4.11 Av. %	410.92 lbs.

Feed

Mar., 1915. 8 qts. bran daily; ensilage and hay.
Apr., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 100 lbs. each bran, ground barley, gluten, cottonseed meal, and oil meal; roots, ensilage, and hay.
May, 1915. Same grain ration as given in April; green rye instead of beets after the 15th, pasture.
June, 1915. Same grain ration as given in April; green oats and peas after the 18th instead of rye.
July, 1915. Same ration as given last of June.
Aug., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 100 lbs. each bran, corn meal, gluten, cottonseed meal, and oil meal; green oats and peas.
Sept., 1915. Same ration as given in August.
Oct., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal; ensilage and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal; ensilage and mixed hay.
Jan., 1916. 12 qts. grain daily from 1st to 17th of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and Ajax Flakes; 9 lbs. grain daily from 18th to 22d of 100 lbs. each bran, corn meal, and ground oats, 150 lbs. Ajax Flakes; 10 lbs. grain daily from 23d to 26th of 2 lbs. bran, 3 lbs. ground oats, 5 lbs. Ajax Flakes; 12 lbs. daily from 27th to 31st of 3 lbs. each bran and ground oats, 6 lbs. Ajax Flakes; ensilage and alfalfa hay.
Feb., 1916. 12 lbs. grain daily of the following mixture from 1st to 9th: 3 lbs. each bran and ground oats, 6 lbs. Ajax Flakes; from 10th to 29th 14 lbs. daily with .5 lb. oil meal added after the 12th: 4 lbs. each bran and Ajax Flakes, 3 lbs. each ground oats and gluten; ensilage and hay.
Mar., 1916. 14.5 lbs. grain daily of the following mixture: 4 lbs. each bran and Ajax Flakes, 3 lbs. each ground oats and gluten, .5 lb. oil meal; ensilage and hay.

4418 **Sweet Rose of Kortright 41417**

Sire Half a Rogue (15503).
Sire Imp. Itchen Masher (8660).
Dam Myrtle of Hickory Grove (14942).
Dam Lady Trent of Riverside (33206).
Sire Honey Dew's Nonpareil (13251).
Dam Lady Hyde of Riverside (32275).
Breeder James McLean, South Kortright, N. Y.
Owner Frank M. Smith, Springfield Center, N. Y.
Born Apr. 22, 1912. *Calved* Mar. 29, 1915. *Served* Sept. 7, 1915.
Requirement for admission: 284.80 lbs. butter fat.

Official year's record: 8775.60 lbs. milk; 461.78 lbs. butter fat.

Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	792.60 lbs.	5.25 %	41.61 lbs.
May,	"	832.20 "	4.60 "	38.28 "
June,	"	838.60 "	4.44 "	37.23 "
July,	"	763.10 "	5.02 "	38.31 "
Aug.,	"	753.70 "	5.10 "	38.44 "
Sept.,	"	668.30 "	5.60 "	37.42 "
Oct.,	"	662.60 "	5.34 "	35.38 "
Nov.,	"	660.10 "	5.50 "	36.31 "
Dec.,	"	681.60 "	5.62 "	38.31 "
Jan.,	1916,	700.40 "	5.67 "	39.71 "
Feb.,	"	714.30 "	5.52 "	39.43 "
Mar.,	"	708.10 "	5.84 "	41.35 "
Total		8775.60 lbs.	5.26 Av. %	461.78 lbs.

Feed

Apr., 1915. 6 qts. bran daily to the 10th, then 3 qts. each bran and Schumacher Feed; roots, ensilage, and hay.
May, 1915. Same ration as given in April; green rye instead of beets after the 15th, pasture.
June, 1915. Same ration as given last of April with green oats and peas after the 18th instead of rye.
July, 1915. Same ration as given last of June.
Aug., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 100 lbs. each bran, corn meal, gluten, cottonseed meal, and oil meal; green oats and peas.
Sept., 1915. Same ration as given in August.
Oct., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal; ensilage and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal; ensilage and mixed hay.
Jan., 1916. 12 lbs. grain daily from 1st to 17th of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and Ajax Flakes; 9 lbs. grain daily from 18th to 22d of 100 lbs. each bran, corn meal, and ground oats, 150 lbs. Ajax Flakes; 9.5 lbs. grain daily from 23d to 26th of 3 lbs. bran, 2 lbs. ground oats, 4.5 lbs. Ajax Flakes: 11 lbs. grain daily from 27th to 31st of 3 lbs. each bran and ground oats, 5 lbs. Ajax Flakes; ensilage and hay.
Feb., 1916. 11 lbs. grain daily of the following mixture from 1st to 9th: 3 lbs. each bran and ground oats, 5 lbs. Ajax Flakes; 12 lbs. grain daily from 10th to 29th of 3 lbs. each bran, ground oats, Ajax Flakes, and gluten, with .5 lb. oil meal added after the 12th; roots, ensilage , and hay.
Mar., 1916. 12.5 lbs. grain daily of the following mixture to the 22d: 3 lbs. each bran and gluten, 2 lbs. ground oats, 4 lbs. Ajax Flakes, .5 lb. oil meal, then 12.5 lbs. of 3 lbs. bran, 4 lbs. ground oats, 5 lbs. Ajax Flakes, .5 lb. oil meal; ensilage and hay.

4419 Golden Buttercup of Bella Vista 54766

Sire Imp. Prince John of Oakhurst (18021).
Sire On Guernsey St. John (R. G. A. S. 2063 P. S.) A. R.
Dam Imp. Princess I. of the Rouvets (32031).
Dam Golden State Beauty (22807).
Sire Gwendoline's Boy 2d (9183) A. R.
Dam Clementine Mabel (19901) A. R. 2388.
Breeder J. W. Henderson, Berkeley, Cal.
Owner Clayton R. Grice, Del Mar, Cal.
Born Dec. 23, 1912. *Calved* Mar. 28, 1915. *Served* July 19, 1915.
Requirement for admission: 260.30 lbs. butter fat.

Official year's record: 7618.90 lbs. milk; 367.63 lbs. butter fat.

Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	774.60 lbs.	3.98 %	30.83 lbs.
May,	"	816.60 "	4.94 "	40.34 "
June,	"	733.40 "	5.13 "	37.62 "
July,	"	729.50 "	4.16 "	30.35 "
Aug.,	"	688.80 "	4.54 "	31 27 "
Sept.,	"	614.10 "	4.31 "	26.47 "
Oct.,	"	620.90 "	5.06 "	31.42 "
Nov.,	"	586.30 "	4.95 "	29.02 "
Dec.,	"	616.40 "	5.03 "	31.00 "
Jan.,	1916,	567.50 "	5.37 "	30.47 "
Feb.,	"	469.60 "	5.71 "	26.81 "
*Mar.,	"	401.20 "	5.49 "	22.03 "
Total		7618.90 lbs.	4.83 Av. %	367.63 lbs.

*8 days dry in March.

Feed

Apr., 1915. 2.5 to 4.4 lbs. grain daily of the following mixture: 2 to 4 lbs. rolled barley, .5 to .4 lb. oil meal; pasture.
May, 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; pasture.
June, 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; alfalfa and pasture.
July, 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; alfalfa hay and pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same grain ration as given in July; 8 to 10 lbs. beets, alfalfa hay.
Oct., 1915. Same grain ration as given in July; 25 to 30 lbs. beets, alfalfa hay.
Nov., 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; 25 lbs. beets, alfalfa hay.
Dec., 1915. Same grain ration as given in July; 20 lbs. beets, alfalfa hay.
Jan., 1916. Same grain ration as given in July; alfalfa hay and pasture.
Feb., 1916. Same grain ration as given in July; alfalfa hay, barley and grass pasture.
Mar., 1916. Same grain ration as given in July; alfalfa hay and barley pasture.

4420 Imp. Buttercup of Plaisance 50401

Sire On Guernsey Mino (R. G. A. S. 1415 P. S.) A. R.
Sire On Guernsey Ransom of Les Prevosts (R. G. A. S. 1219 P. S.).
Dam Minnette of New Place (R. G. A. S. 2297 F. S.).
Dam On Guernsey May Queen of les Padins (R. G. A. S. 2175 F. S.)
Sire On Guernsey.
Dam On Guernsey.
Breeder P. Le Vée, Island of Guernsey.
Owner Alfred L. Lincoln, Norwell, Mass.
Born May 3, 1905. *Calved* Dec. 20, 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 14904.40 lbs. milk; 650.04 lbs. butter fat.

(Record from Dec. 24, 1914 to Dec. 23, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	281.10 lbs.	3.69 %	10.37 lbs.
Jan.,	1915,	1654.60 "	3.69 "	61.05 "
Feb.,	"	1381.60 "	3.78 "	52.22 "
Mar.,	"	1465.50 "	4.11 "	60.23 "
Apr.,	"	1393.00 "	4.32 "	60.18 "
May,	"	1423.50 "	4.53 "	64.48 "
June,	"	1117.40 "	4.64 "	51.85 "
July,	"	1259.10 "	4.75 "	59.81 "
Aug.,	"	1194.30 "	4.46 "	53.27 "
Sept.,	"	1037.10 "	4.75 "	49.26 "
Oct.,	"	1032.10 "	4.94 "	50.99 "
Nov.,	"	972.10 "	4.48 "	43.55 "
Dec.,	"	693.00 "	4.73 "	32.78 "
Total		14904.40 lbs.	4.36 Av. %	650.04 lbs.

Feed

Dec., 1914. 9.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 2 lbs. each Bibby's Feed and Unicorn Dairy Ration, .5 lb. each cottonseed meal and oil meal; 8 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. each alfalfa and mixed hay.
Jan., 1915. 11 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 3 lbs. each Unicorn Dairy Ration and Bibby's Feed, .5 lb. cottonseed meal; 20 lbs. roots, 25 lbs. ensilage, 6 lbs. each alfalfa and mixed hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 2 lbs. each Unicorn Dairy Ration and Bibby's Feed, .5 lb. cottonseed meal; 30 lbs. ensilage, 6 lbs. each alfalfa and mixed hay.
Mar., 1915. 12.5 lbs. grain daily of the following mixture: 1.5 lbs. bran, 1 lb. each corn meal and cottonseed meal, 3 lbs. each ground oats, Bibby's Feed, and Unicorn Dairy Ration; 15 lbs. each beet pulp and ensilage, 6 lbs. each alfalfa and mixed hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same ration as given in March.
June, 1915. Same ration as given in March.
July, 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each corn meal, Bibby's Feed, Brewers' Grains, and cottonseed meal, 150 lbs. ground oats, 400 lbs. Unicorn Dairy Ration; beet pulp and alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 13 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, gluten, and cottonseed meal, 150 lbs. crushed oats, 400 lbs. Stock Feed, 200 lbs. each Unicorn Dairy Ration and Bibby's Feed; 4 lbs. beet pulp, 8 lbs. beets, 20 lbs. ensilage, 9 lbs. alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and Stock Feed, 200 lbs. each corn meal, ground oats, and Unicorn Dairy Ration, 100 lbs. each cottonseed meal and oil meal; roughage same as given in October.
Dec., 1915. Same ration as given in November.

4421 Queen of Park Farm 42866

Sire Rhea's King of the May (14368) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Princess Rhea 3d (21331).
Dam Park's Yeksa Queen (21602) A. R. 1809.
Sire Dawn's Twilight's Yeksa (10268).
Dam Queen Isabella 3d's Daughter (18754).
Breeder John H. Williams, Waukesha, Wis.
Owner John H. Williams, Waukesha, Wis.
Sold Dec. 26, 1915 to Frank O. Lowden, Oregon, Ill.
Born Sept. 23, 1912. *Calved* Jan. 17, 1915. *Served* Sept. 27, 1915.
Requirement for admission: 263.50 lbs. butter fat.

Official year's record: 8255.00 lbs. milk; 398.41 lbs. butter fat.

Supervised by Wisconsin and Illinois Agricultural Experiment Stations.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	730.10 lbs.	4.10 %	29.93 lbs.
Mar.,	"	894.20 "	4.17 "	37.28 "
Apr.,	"	879.70 "	3.93 "	34.57 "
May,	"	839.10 "	4.48 "	37.59 "
June,	"	810.30 "	4.53 "	36.71 "
July,	"	829.90 "	4.63 "	38.42 "
Aug.,	"	765.90 "	5.04 "	38.60 "
Sept.,	"	624.20 "	5.19 "	32.40 "
Oct.,	"	567.90 "	5.81 "	32.99 "
Nov.,	"	485.40 "	6.27 "	30.43 "
Dec.,	"	469.30 "	6.24 "	29.28 "
Jan.,	1916,	359.00 "	5.63 "	20.21 "
Total		8255.00 lbs.	4.83 Av. %	398.41 lbs.

Feed

Feb., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. each corn and oats (ground), 125 lbs. Ajax Flakes; 25 lbs. ensilage, alfalfa hay.
Mar., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground corn and oats, 125 lbs. Ajax Flakes; 30 lbs. ensilage, and mixed hay.
Apr., 1915. 11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. oil meal added: 100 lbs. each bran and Schumacher Feed, 60 lbs. ground corn and oats; 2 lbs. beet pulp, 30 lbs. ensilage, and mixed hay.
May, 1915. Same ration as given in April.
June, 1915. 9 lbs. grain daily,.8 lbs. of the following mixture with 1 lb. oil meal added: 200 lbs. bran, 100 lbs. each ground corn and oats, 125 lbs. Ajax Flakes; ensilage and mixed hay to the 15th, then green oats and peas.
July, 1915. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. oil meal added: 200 lbs. bran, 100 lbs. each ground corn and oats, and Ajax Flakes; 4 lbs. beets, alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 125 lbs. Ajax Flakes, 100 lbs. oil meal; clover hay.
Oct., 1915. 13 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 100 lbs. Ajax Flakes, 75 lbs. oil meal; 15 lbs. beets, green corn with mixed clover and alfalfa hay.
Nov., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 125 Ajax Flakes, 300 lbs. Schumacher Feed;10 lbs. beets, 20 lbs. ensilage, alfalfa and mixed clover hay.
Dec., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 150 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. Schumacher Feed; 4 lbs. beet pulp, 5 lbs. beets, 12 lbs. ensilage, mixed clover and timothy hay.
Jan., 1916. 4 lbs. grain daily of the following mixture: 2 lbs. bran, 1 lb. each middlings and oil meal; 30 lbs. ensilage, alfalfa hay.

4422 **Park Dawn's Anna J. 43194**

Sire Imp. Raymond of Sarnia (19172).
Sire Imp. Raymond of the Préel IV. (19235) A. R.
Dam On Guernsey Busy Bee V. (R. G. A. S. 4894 P. S.).
Dam Rhea's Park Dawn (34761) A. R. 2335.
Sire Rhea's King of the May (14368) A. R.
Dam Gypson's Dawn (18759) A. R. 1784.
Breeder John H. Williams, Waukesha, Wis.
Owner John H. Williams, Waukesha, Wis.
Born Oct. 9, 1912. *Calved* Mar. 21, 1915. *Served* Nov. 19, 1915.
Requirement for admission: 267.00 lbs. butter fat.

Official year's record: 8414.80 lbs. milk; 445.00 lbs. butter fat.

(Record from Mar. 24, 1915 to Mar. 23, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	181.40 lbs.	5.51 %	10.00 lbs.
Apr.,	"	877.20 "	4.01 "	35.18 "
May,	"	884.60 "	5.42 "	47.95 "
June,	"	829.30 "	4.87 "	40.39 "
July,	"	826.00 "	4.79 "	39.57 "
Aug.,	"	794.00 "	4.78 "	37.95 "
Sept.,	"	685.40 "	5.21 "	35.71 "
Oct.,	"	639.90 "	5.32 "	34.04 "
Nov.,	"	563.10 "	5.95 "	33.50 "
Dec.,	"	575.90 "	5.98 "	34.44 "
Jan.,	"	591.80 "	6.03 "	35.69 "
Feb.,	"	538.10 "	6.27 "	33.74 "
Mar.,	"	428.10 "	6.27 "	26.84 "
Total		8414.80 lbs.	5.29 Av. %	445.00 lbs.

Feed

Mar., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground corn and ground oats, 125 lbs. Ajax Flakes; 30 lbs. ensilage, mixed hay.
Apr., 1915. 9 lbs. grain daily, 8 lbs. of the following mixture with 1 lb. oil meal added: 100 lbs. each bran and Schumacher Feed, 60 lbs. ground oats and corn; 2 lbs. beet pulp, 30 lbs. ensilage, and mixed hay.
May, 1915. Same grain ration as given in April; 2 lbs. beet pulp, 30 lbs. ensilage, mixed hay.
June, 1915. Same grain ration as given in March with 1 lb. oil meal added; ensilage and mixed hay to the 16th, then green oats and peas.
July, 1915. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. oil meal added: 200 lbs. bran, 100 lbs. each (ground corn and oats) and Ajax Flakes; 4 lbs. beets, alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. 13.5 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 125 lbs. Ajax Flakes, 100 lbs. oil meal; clover hay.
Oct., 1915. 13 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 100 lbs. Ajax Flakes, 75 lbs. oil meal; 15 lbs. beets, green corn, mixed clover and alfalfa hay.
Nov., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 125 lbs. Ajax Flakes, 300 lbs. Schumacher Feed; 10 lbs. beets, 20 lbs. ensilage, alfalfa and clover hay.
Dec., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 150 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. Schumacher Feed; 2 lbs. beet pulp, 5 lbs. beets, 20 lbs. ensilage, mixed clover and timothy hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.
Mar., 1916. 8.5 lbs. grain daily, 8 lbs. same mixture as given in December with .5 lb. oil meal added; 15 lbs. each beet pulp (wet) and ensilage, 10 lbs. alfalfa hay.

4423 **Auricula's Hilda 41540**

Sire Auricula's Main-sheet (8870) A. R.
Sire Main Sheet of Pinehurst (6525).
Dam Auricula 2d (12209) A. R. 106.
Dam Spring Brook's Hilda (33757).
Sire Auricula's Main-sheet (8870) A. R.
Dam Hilda of Spring Brook (25064).
Breeder M. H. Packer, Milford, N. Y.
Owner Chase Bros., Independence, Oregon.
Sold Nov. 11, 1915 to J. A. & J. T. Richey, Boring, Oregon.
Born Apr. 20, 1912. *Calved* Apr. 17, 1915. *Served* Dec. 4, 1915.
Requirement for admission: 287.40 lbs. butter fat.

Official year's record: 8740.00 lbs. milk; 421.86 lbs. butter fat.

(Record from Apr. 25, 1915 to Apr. 24, 1916.)
Supervised under one day test by Oregon Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	172.50 lbs.	4.49 %	7.75 lbs.
May,	"	989.50 "	4.36 "	43.14 "
June,	"	944.20 "	4.08 "	38.52 "
July,	"	872.90 "	4.10 "	35.79 "
Aug.,	"	765.50 "	4.76 "	36.44 "
Sept.,	"	669.00 "	4.63 "	30.97 "
Oct.,	"	624.70 "	5.31 "	33.17 "
Nov.,	"	611.50 "	5.15 "	31.49 "
Dec.,	"	632.30 "	5.69 "	35.98 "
Jan.,	1916,	671.50 "	5.24 "	35.19 "
Feb.,	"	633.00 "	4.70 "	29.75 "
Mar.,	"	655.60 "	5.14 "	33.70 "
Apr.,	"	497.80 "	6.02 "	29.97 "
Total		8740.00 lbs.	4.83 Av. %	421.86 lbs.

Feed

Apr., 1915. 2 lbs. ground oats daily; pasture.
May, 1915. 4 lbs. ground oats daily; pasture.
June, 1915. 4.5 lbs. grain daily of the following mixture: 2 lbs. ground oats, 2.5 lbs. shorts; pasture.
July, 1915. Same ration as given in June.
Aug., 1915. 5 lbs. ground oats daily; green oats and oat hay with pasture.
Sept., 1915. 5 lbs. ground oats daily; 20 lbs. green corn, 10 lbs. kale, with pasture.
Oct., 1915. 4 lbs. grain daily equal parts ground oats and ground barley; 20 lbs. green corn to the 10th then 25 lbs. ensilage, 10 lbs. kale.
Nov., 1915. Same grain ration as given in October; 25 lbs. ensilage, 20 lbs. kale to the 12th, then 10 lbs. with 6 lbs. alfalfa hay.
Dec., 1915. 6.5 lbs. grain daily of the following mixture: 73.5 lbs. bran, 87 lbs. ground oats, 13.5 lbs. shorts, 29 lbs. oil meal; 30 lbs. kale, 15 lbs. hay.
Jan., 1916. 7.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran, shorts, and oil meal, 3 lbs. ground oats; 1.5 lbs. beet pulp, 15 lbs. hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 57 lbs. bran, 67 lbs. ground oats, 60 lbs. ground barley, 13.5 lbs. shorts, 43.5 lbs. oil meal; 2 to 3.5 lbs. beet pulp, 20 to 30 lbs. kale, 10 lbs. hay.
Mar., 1916. 8 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 2 lbs. ground oats, 3 lbs. ground barley; 4 to 5 lbs. beet pulp, 30 lbs. kale, 10 lbs. hay.
Apr., 1916. Same grain ration as given in March; 5 lbs. beet pulp, 30 lbs. kale, 10 lbs. hay.

4424 **Imp. Guilbert's Pride III. 42706**

Sire On Guernsey Sir Henry (R. G. A. S. 2213 P. S.) A. R.
Sire On Guernsey San Francisco of the Brickfield (R. G. A. S. 1886 P. S.).
Dam Imp. Rouge of the Brickfield (40144).
Dam On Guernsey Guilbert's Pride (R. G. A. S. 3351 F. S.).
Sire On Guernsey Scottie of the Gâchères (R. G. A. S. 1353 P. S.) A. R.
Dam On Guernsey Guilbert I. of the Brickfield (R. G. A. S. 2530 F. S.).
Breeder E. A. Best, Island of Guernsey.
Owner Jean Du Luth Farm, Inc., Duluth, Minn.
Born May 3, 1911. *Calved* Apr. 4, 1915. *Served* Oct. 5, 1915.
Requirement for admission: 320.80 lbs. butter fat.

Official year's record: 10460.80 lbs. milk; 649.12 lbs. butter fat.

(Record from Apr. 7, 1915 to Apr. 6, 1916.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	974.00 lbs.	5.18 %	50.45 lbs.
May,	"	1121.40 "	5.65 "	63.36 "
June,	"	976.70 "	6.07 "	59.29 "
July,	"	963.80 "	6.38 "	61.49 "
Aug.,	"	860.80 "	6.46 "	55.60 "
Sept.,	"	871.70 "	6.09 "	53.08 "
Oct.,	"	838.30 "	6.38 "	53.48 "
Nov.,	"	765.80 "	6.61 "	50.62 "
Dec.,	"	737.20 "	6.62 "	48.80 "
Jan.,	1916,	723.50 "	6.46 "	46.74 "
Feb.,	"	703.70 "	6.52 "	45.88 "
Mar.,	"	779.90 "	6.53 "	50.93 "
Apr.,	"	144.00 "	6.53 "	9.40 "
Total		10460.80 lbs.	6.21 Av. %	649.12 lbs.

Feed

Apr., 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, Brewers' Grains, gluten, cottonseed meal, and oil meal, 2 parts Schumacher Feed; 35 lbs. ensilage.
May, 1915. 15 lbs. grain daily same mixture as given in April except no Brewers' Grains; 30 lbs. ensilage.
June, 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, gluten, and cottonseed meal, 2 parts Schumacher Feed, 1.5 parts oil meal; mixed hay and pasture.
July, 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes and gluten, 2 parts each Schumacher Feed and oil meal; mixed hay and pasture.
Aug., 1915. 12 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, gluten, and cottonseed meal, 2 parts Schumacher Feed, 1.5 parts oil meal; mixed hay and pasture.
Sept., 1915. Same grain ration as given in August; 10 lbs. rutabagas, and hay.
Oct., 1915. Same grain ration as given in August; 30 lbs. rutabagas, and mixed hay.
Nov., 1915. 13 lbs. grain daily same mixture as given in July; 28 lbs. rutabagas, and mixed hay.
Dec., 1915. Same grain ration as given in November; 25 lbs. rutabagas, and mixed hay.
Jan., 1916. Same grain ration as given in November; 25 lbs. rutabagas, and mixed hay.
Feb., 1916. Same grain ration as given in November; hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.

4425 **Thelma's Princess of Hickory Hill 44345**

Sire Pride of Hickory Hill (14715).
Sire Imp. Golden Secret (12599) A. R.
Dam Queen of Maple Glen (17583) A. R. 749.
Dam Thelma Trink (25638) A. R. 3360.
Sire Thelman (12728) A. R.
Dam Wahnora (25636).
Breeder J. Hector McNeal, Devon, Pa.
Owner Robert F. Whitmer, Hatboro, Pa.
Sold Sept. 14, 1915 to Charles W. Curtis, Marlboro, Mass.
Born Nov. 22, 1912. *Calved* Mar. 24, 1915. *Served* June 15, 1915.
Requirement for admission: 263.40 lbs. butter fat.

Official year's record: 8086.90 lbs. milk; 411.41 lbs. butter fat.

Supervised by The National Farm School, Farm School, Pa, and Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	1033.50 lbs.	4.61 %	47.64 lbs.
May,	"	1108.10 "	4.70 "	52.08 "
June,	"	905.80 "	5.01 "	45.38 "
July,	"	775.90 "	4.89 "	37.94 "
Aug.,	"	784.00 "	5.01 "	39.28 "
Sept.,	"	712.90 "	4.90 "	34.93 "
Oct.,	"	689.90 "	5.60 "	38.63 "
Nov.,	"	621.40 "	5.43 "	33.74 "
Dec.,	"	460.30 "	5.35 "	24.63 "
Jan.,	1916,	465.60 "	5.27 "	24.54 "
Feb.,	"	436.30 "	6.16 "	26.88 "
*Mar.,	"	93.20 "	6.16 "	5.74 "
Total		8086.90 lbs.	5.09 Av. %	411.41 lbs.

*Dry 13 days in March.

Feed

Apr., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 12 lbs. grain daily same mixture as given in April; 25 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 50 lbs. corn meal, 200 lbs. Brewers' Grains; 25 lbs. ensilage, 10 lbs. alfalfa hay.
July, 1915. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and Brewers' Grains, 100 lbs. each corn meal, gluten, and cottonseed meal, 50 lbs. linseed meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, and pasture.
Sept., 1915. 10 lbs. grain daily of the following mixture: 150 lbs. each bran, corn meal, gluten, and cottonseed meal, 300 lbs. ground oats, 100 lbs. oil meal; 30 lbs. ensilage, rowen and hay.
Oct., 1915. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, Diamond Stock Feed, gluten, and cottonseed meal, 50 lbs. linseed meal; 40 lbs. ensilage, green feed, rowen, and alfalfa.
Nov., 1915. 8 lbs. grain daily of the following mixture: 250 lbs. bran, 100 lbs. each ground oats, gluten, alfalfa meal, and cottonseed meal, 150 lbs. Brewers' Grains; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Brewers' Grains, gluten, cottonseed meal, and alfalfa meal; 2 lbs. beet pulp, 30 lbs. ensilage, 15 lbs. hay.
Feb., 1916. 7 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, Brewers' Grains, gluten, alfalfa meal, and cottonseed meal; 2 lbs. beet pulp, 30 lbs. ensilage, 15 lbs. hay.
Mar., 1916. 3.5 lbs. grain daily of the following mixture: 300 lbs. bran, 50 lbs. oil meal; 15 lbs. ensilage, 10 lbs. hay.

4426 **Buttercup of Keewaydin 34708**

Sire Imp. Squire II. of the Camp (15237).
Sire On Guernsey Golden Noble II. (R. G. A. S. 1836 P. S.) A. R.
Dam Imp. Sarah Bern (34971).
Dam Imp. Figtree Leaf II. (28239) A. R. 1983.
Sire On Guernsey King of the Friquet (R. G. A. S. 1674 P. S.) A. R.
Dam On Guernsey Figtree Leaf (R. G. A. S. 2679 F. S.).
Breeder Elbert H. Baker, Gates Mill, Ohio.
Owner Elbert H. Baker, Gates Mill, Ohio.
Sold May 19, 1915 to J. L. Severance, Cleveland, Ohio.
Born Sept. 16, 1910. *Calved* Oct. 27, 1914. *Served* Apr. 9, 1915.
Requirement for admission: 328.00 lbs. butter fat.

Official year's record: 10798.75 lbs. milk; 486.17 lbs. butter fat.

Supervised by Ohio State University, Columbus, Ohio.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	1290.60 lbs.	4.25 %	54.85 lbs.
Dec.,	"	1440.00 "	4.25 "	61.20 "
Jan.,	1915,	1268.80 "	4.25 "	53.92 "
Feb.,	"	1083.90 "	4.47 "	48.45 "
Mar.,	"	1096.50 "	4.57 "	50.11 "
Apr.,	"	1027.00 "	4.52 "	46.42 "
May,	"	910.40 "	4.18 "	38.05 "
June,	"	684.00 "	4.67 "	31.94 "
July,	"	651.00 "	4.66 "	30.34 "
Aug.,	"	542.25 "	4.99 "	27.06 "
Sept.,	"	439.80 "	5.26 "	23.13 "
Oct.,	"	364.50 "	5.68 "	20.70 "
Total		10798.75 lbs.	4.50 Av. %	486.17 lbs.

Feed

Nov., 1914. 15 lbs. grain daily of the following mixture: 3 lbs. bran, .3 lb. each middlings and cottonseed meal, 1.8 lbs. each corn meal, hominy, and Schumacher Feed, 3.6 lbs. ground oats, .9 lb. each D. D. D. Grains and gluten, .6 lb. oil meal; 5 lbs. beet pulp, 18 lbs. ensilage, 10 lbs. alfalfa and 1.5 lbs. mixed hay.
Dec., 1914. 16.5 lbs. grain daily of the following mixture: 3 lbs. each bran, corn meal, and ground oats, .3 lb. each middlings and cottonseed meal, 2.1 lbs. hominy, .9 lb. D. D. D. Grains, 2.7 lbs. Schumacher Feed, .6 lb. each gluten and oil meal; 6 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay, and 1 lb. corn stover.
Jan., 1915. 15.9 lbs. grain daily of the following mixture: 3 lbs. bran, .3 lb. each middlings and cottonseed meal, 2.4 lbs. hominy, 2.1 lbs. corn meal, 3.9 lbs. ground oats, .9 lb. each D. D. D. Grains and gluten, 1.5 lbs. Schumacher Feed, .6 lb. oil meal; 6 lbs. beet pulp, 23 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1915. 15.6 lbs. grain daily of the following mixture: 2.4 lbs. each bran and corn meal, .3 lb. each middlings, oil meal, and cottonseed meal, 2.7 lbs. hominy, 3.6 lbs. ground oats, 2.1 lbs. Schumacher Feed, .9 lb. D. D. D. Grains, .6 lb. gluten; 5.8 lbs. beet pulp, 22 lbs. ensilage, 10 lbs. hay.
Mar., 1915. 14.1 lbs. grain daily of the following mixture: 2.4 lbs. bran, 2.1 lbs. each corn meal and hominy, 1.2 lbs. D. D. D. Grains, .9 lb. each Oat Feed and Schumacher Feed, 3.3 lbs. Arcady Feed, .6 lb. gluten, .3 lb. each cottonseed meal and oil meal; 5 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
Apr., 1915. 14.7 lbs. grain daily of the following mixture: 2.4 lbs. each bran and corn meal, 2.1 lbs. hominy, 3.6 lbs. Arcady Feed, 1.5 lbs. Schumacher Feed, .6 lb. each D. D. D. Grains, cottonseed meal, and oil meal, .9 lb. gluten; 5.4 lbs. beet pulp, 23 lbs. ensilage, 10 lbs. hay.
May, 1915. Same ration as given in April to the 20th, then 12 lbs. equal parts bran, corn meal, and ground oats; pasture.
June, 1915. Same ration as given last of May.
July, 1915. Same ration as given in June.
Aug., 1915. Same ration as given in June.
Sept., 1915. Same ration as given in June.
Oct., 1915. Same ration as given in June.

4427 **Peach of Maplehurst 43459**

Sire Erminia's Governor (13504) A. R.
Sire Imp. Antoinette's Governor (10029).
Dam Erminia (14786).
Dam Hattie Stover (36038).
Sire Stover (13756).
Dam Hattie McKinney (26789).
Breeder Lee S. Clymer, Riegelsville, Pa.
Owner B. H. Baker & Son, Bliss, N. Y.
Born Feb. 8, 1913. *Calved* Jan. 2, 1915. *Served* Sept. 11, 1915.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 6703.60 lbs. milk; 377.79 lbs. butter fat.

(Record from Jan. 5, 1915 to Jan. 4, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	518.30 lbs.	4.45 %	23.06 lbs.
Feb.,	"	594.10 "	4.55 "	27.03 "
Mar.,	"	654.00 "	5.34 "	34.92 "
Apr.,	"	630.70 "	5.85 "	36.90 "
May,	"	646.00 "	5.85 "	37.79 "
June,	"	569.70 "	5.61 "	31.96 "
July,	"	564.30 "	6.00 "	33.86 "
Aug.,	"	584.70 "	5.34 "	31.22 "
Sept.,	"	554.90 "	5.74 "	31.85 "
Oct.,	"	481.10 "	6.25 "	30.07 "
Nov.,	"	402.20 "	6.75 "	27.15 "
Dec.,	"	447.90 "	6.35 "	28.44 "
Jan.,	1916,	55.70 "	6.35 "	3.54 "
Total		6703.60 lbs.	5.64 Av. %	377.79 lbs.

Feed

Jan., 1915. 8 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal and gluten, 100 lbs. cottonseed meal, 50 lbs. oil meal; 2 lbs. beet pulp on the 31st, 24 lbs. ensilage, mixed hay.
Feb., 1915. Same grain ration as given in January; 6 lbs. beet pulp, 24 lbs. ensilage, mixed hay.
Mar., 1915. Same grain ration as given in January with 2 lbs. ground oats added daily; 6 lbs. beet pulp, 20 lbs. corn ensilage, mixed hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same grain ration as given in January with 2 lbs. ground oats added; 15 lbs. ensilage, mixed hay.
June, 1915. 4 lbs. ground oats daily; pasture.
July, 1915. 2 qts. ground oats daily; pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and gluten, 50 lbs. oil meal; pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, gluten, and oil meal; pasture.
Nov., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and ground oats, 50 lbs. oil meal; 12 to 14 qts. turnips, mixed hay.
Dec., 1915. Same grain ration as given in November; 12 to 14 qts. turnips from 1st to 12th, 1 bu. ensilage from 13th to 31st, mixed hay.
Jan., 1916. Same grain ration as given in November; 1 bu. ensilage, mixed clover and timothy hay.

4416 **Kornova of Birchwood 44463**

Sire Dairymaid's King (12898) A. R.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Dairymaid of Elm Place (14197) A. R. 19.
Dam Olive of Richmond (15815) A. R. 218.
Sire King Coral (5238) A. R.
Dam Laura Bishop (13367).
Breeder M. L. Welles, Rosendale, Wis.
Owner M. L. Welles, Rosendale, Wis.
Born Dec. 7, 1912. *Calved* Mar. 16, 1915. *Served* July 10, 1915.
Requirement for admission: 260.70 lbs. butter fat.

Official year's record: 6439.20 lbs. milk; 297.01 lbs. butter fat.

(Record from Mar. 20, 1915 to Mar. 19, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	299.00 lbs.	4.57 %	13.66 lbs.
Apr.,	"	641.30 "	3.78 "	24.24 "
May,	"	816.20 "	4.24 "	34.61 "
June,	"	764.40 "	4.61 "	35.24 "
July,	"	660.30 "	4.53 "	29.91 "
Aug.,	"	552.90 "	4.57 "	25.27 "
Sept.,	"	514.10 "	4.45 "	22.88 "
Oct.,	"	554.20 "	5.10 "	28.26 "
Nov.,	"	483.40 "	4.80 "	23.20 "
Dec.,	"	451.30 "	4.99 "	22.52 "
Jan.,	1916,	425.50 "	4.97 "	21.15 "
Feb.,	"	276.60 "	5.81 "	16.07 "
Mar.,	"	Dry.		
Total		6439.20 lbs.	4.61 Av. %	297.01 lbs.

Feed

Mar., 1915. 6 lbs. grain daily of the following mixture: 20 lbs. barley meal, 10 lbs. Arcady Dairy Feed, 40 lbs. Unicorn Dairy Ration; 20 lbs. ensilage, 6 lbs. mixed hay.
Apr., 1915. 5.3 lbs. grain daily of the following mixture: 90 lbs. barley meal, 35 lbs. each Arcady Dairy Feed and Unicorn Dairy Ration; 20 lbs. ensilage, 8 lbs. mixed hay.
May, 1915. 3.2 lbs. grain daily of the following mixture: 40 lbs. barley meal, 30 lbs. each Arcady Dairy Feed and Unicorn Dairy Ration; 10 lbs. ensilage, 2.5 lbs. mixed hay, and pasture.
June, 1915. 4 lbs. grain daily of the following mixture: 60 lbs. each (ground oats and barley) and Unicorn Dairy Ration; 30 lbs. ensilage, pasture.
July, 1915. 4 lbs. grain daily of the following mixture: 62 lbs. bran, 66 lbs. ground oats; 20 lbs. ensilage, pasture.
Aug., 1915. 5 lbs. grain daily of the following mixture: 40 lbs. ground oats, 20 lbs. Schumacher Feed, 93 lbs. Unicorn Dairy Ration; 20 lbs. ensilage, pasture.
Sept., 1915. 5 lbs. grain daily of the following mixture: 120 lbs. Schumacher Feed, 30 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 8 lbs. clover hay, pasture.
Oct., 1915. 5 lbs. grain daily of the following mixture: 124 lbs. oat meal, 31 lbs. Unicorn Dairy Ration; 22.5 lbs. ensilage, 6.4 lbs. clover hay, and pasture.
Nov., 1915. 5 lbs. grain daily of the following mixture: 120 lbs. ground oats, 30 lbs. Unicorn Dairy Ration; 5.6 lbs. roots, 25 lbs. ensilage, 7.3 lbs. hay.
Dec., 1915. 5 lbs. grain daily of the following mixture: 93 lbs. ground oats, 62 lbs. Unicorn Dairy Ration; 2.5 lbs. roots, 25 lbs. ensilage, 7 lbs. mixed hay.
Jan., 1916. 5 lbs. grain daily of the following mixture: 20 lbs. bran, 62 lbs. Unicorn Dairy Ration, 70 lbs. ground oats; 4 lbs. roots, 25 lbs. ensilage, 8 lbs. mixed hay.
Feb., 1916. 4.5 lbs. grain daily of the following mixture: 58 lbs. bran, 75 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 6.8 lbs. hay.
Mar., 1916. 2 lbs. grain daily of the following mixture: 1 lb. each bran and Unicorn Dairy Ration; 20 lbs. ensilage, 8 lbs. hay.

4417 **Glenelm's Otsego Girl 32863**

Sire Glenelm (13683).
Sire Woodglen of Mossgiel (10379).
Dam Creusa of Elmwood 4th (21809) A. R. 1454.
Dam Glenelm Style (25383).
Sire Woodglen of Mossgiel (10379).
Dam Elmwood Style 3d's Prize (20233).
Breeder H. S. Hopkins, Delmar, N. Y.
Owner Frank M. Smith, Springfield Center, N. Y.
Born Apr. 1, 1910. *Calved* Mar. 13, 1915. *Served* Aug. 15, 1915.
Requirement for admission: 358.40 lbs. butter fat.

Official year's record: 9995.70 lbs. milk; 410.92 lbs. butter fat.

(Record from Mar. 17, 1915 to Mar. 16, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	542.20 lbs.	4.03 %	21.85 lbs.
Apr.,	"	1042.70 "	4.03 "	42.02 "
May,	"	1016.50 "	3.82 "	38.83 "
June,	"	952.10 "	3.95 "	37.61 "
July,	"	913.70 "	3.80 "	34.72 "
Aug.,	"	850.10 "	4.13 "	35.11 "
Sept.,	"	747.90 "	4.36 "	32.61 "
Oct.,	"	708.90 "	4.34 "	30.77 "
Nov.,	"	652.20 "	4.35 "	28.37 "
Dec.,	"	683.30 "	4.47 "	30.54 "
Jan.,	1916,	719.70 "	4.18 "	30.08 "
Feb.,	"	750.50 "	4.15 "	31.15 "
Mar.,	"	415.90 "	4.15 "	17.26 "
Total		9995.70 lbs.	4.11 Av. %	410.92 lbs.

Feed

Mar., 1915. 8 qts. bran daily; ensilage and hay.
Apr., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 100 lbs. each bran, ground barley, gluten, cottonseed meal, and oil meal; roots, ensilage, and hay.
May, 1915. Same grain ration as given in April; green rye instead of beets after the 15th, pasture.
June, 1915. Same grain ration as given in April; green oats and peas after the 18th instead of rye.
July, 1915. Same ration as given last of June.
Aug., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 100 lbs. each bran, corn meal, gluten, cottonseed meal, and oil meal; green oats and peas.
Sept., 1915. Same ration as given in August.
Oct., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal; ensilage and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal; ensilage and mixed hay.
Jan., 1916. 12 qts. grain daily from 1st to 17th of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and Ajax Flakes; 9 lbs. grain daily from 18th to 22d of 100 lbs. each bran, corn meal, and ground oats, 150 lbs. Ajax Flakes; 10 lbs. grain daily from 23d to 26th of 2 lbs. bran, 3 lbs. ground oats, 5 lbs. Ajax Flakes; 12 lbs. daily from 27th to 31st of 3 lbs. each bran and ground oats, 6 lbs. Ajax Flakes; ensilage and alfalfa hay.
Feb., 1916. 12 lbs. grain daily of the following mixture from 1st to 9th: 3 lbs. each bran and ground oats, 6 lbs. Ajax Flakes; from 10th to 29th 14 lbs. daily with .5 lb. oil meal added after the 12th: 4 lbs. each bran and Ajax Flakes, 3 lbs. each ground oats and gluten; ensilage and hay.
Mar., 1916. 14.5 lbs. grain daily of the following mixture: 4 lbs. each bran and Ajax Flakes, 3 lbs. each ground oats and gluten, .5 lb. oil meal; ensilage and hay.

4418 **Sweet Rose of Kortright 41417**

Sire Half a Rogue (15503).
Sire Imp. Itchen Masher (8660).
Dam Myrtle of Hickory Grove (14942).
Dam Lady Trent of Riverside (33206).
Sire Honey Dew's Nonpareil (13251).
Dam Lady Hyde of Riverside (32275).
Breeder James McLean, South Kortright, N. Y.
Owner Frank M. Smith, Springfield Center, N. Y.
Born Apr. 22, 1912. *Calved* Mar. 29, 1915. *Served* Sept. 7, 1915.
Requirement for admission: 284.80 lbs. butter fat.

Official year's record: 8775.60 lbs. milk; 461.78 lbs. butter fat.

Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	792.60 lbs.	5.25 %	41.61 lbs.
May,	"	832.20 "	4.60 "	38.28 "
June,	"	838.60 "	4.44 "	37.23 "
July,	"	763.10 "	5.02 "	38.31 "
Aug.,	"	753.70 "	5.10 "	38.44 "
Sept.,	"	668.30 "	5.60 "	37.42 "
Oct.,	"	662.60 "	5.34 "	35.38 "
Nov.,	"	660.10 "	5.50 "	36.31 "
Dec.,	"	681.60 "	5.62 "	38.31 "
Jan.,	1916,	700.40 "	5.67 "	39.71 "
Feb.,	"	714.30 "	5.52 "	39.43 "
Mar.,	"	708.10 "	5.84 "	41.35 "
Total		8775.60 lbs.	5.26 Av. %	461.78 lbs.

Feed

Apr., 1915. 6 qts. bran daily to the 10th, then 3 qts. each bran and Schumacher Feed; roots, ensilage, and hay.
May, 1915. Same ration as given in April; green rye instead of beets after the 15th, pasture.
June, 1915. Same ration as given last of April with green oats and peas after the 18th instead of rye.
July, 1915. Same ration as given last of June.
Aug., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 100 lbs. each bran, corn meal, gluten, cottonseed meal, and oil meal; green oats and peas.
Sept., 1915. Same ration as given in August.
Oct., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal; ensilage and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and oil meal; ensilage and mixed hay.
Jan., 1916. 12 lbs. grain daily from 1st to 17th of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and Ajax Flakes; 9 lbs. grain daily from 18th to 22d of 100 lbs. each bran, corn meal, and ground oats, 150 lbs. Ajax Flakes; 9.5 lbs. grain daily from 23d to 26th of 3 lbs. bran, 2 lbs. ground oats, 4.5 lbs. Ajax Flakes; 11 lbs. grain daily from 27th to 31st of 3 lbs. each bran and ground oats, 5 lbs. Ajax Flakes; ensilage and hay.
Feb., 1916. 11 lbs. grain daily of the following mixture from 1st to 9th: 3 lbs. each bran and ground oats, 5 lbs. Ajax Flakes; 12 lbs. grain daily from 10th to 29th of 3 lbs. each bran, ground oats, Ajax Flakes, and gluten, with .5 lb. oil meal added after the 12th; roots, ensilage , and hay.
Mar., 1916. 12.5 lbs. grain daily of the following mixture to the 22d: 3 lbs. each bran and gluten, 2 lbs. ground oats, 4 lbs. Ajax Flakes, .5 lb. oil meal, then 12.5 lbs. of 3 lbs. bran, 4 lbs. ground oats, 5 lbs. Ajax Flakes, .5 lb. oil meal; ensilage and hay.

4419 Golden Buttercup of Bella Vista 54766

Sire Imp. Prince John of Oakhurst (18021).
Sire On Guernsey St. John (R. G. A. S. 2063 P. S.) A. R.
Dam Imp. Princess 1. of the Rouvets (32031).
Dam Golden State Beauty (22807).
Sire Gwendoline's Boy 2d (9183) A. R.
Dam Clementine Mabel (19901) A. R. 2388.
Breeder J. W. Henderson, Berkeley, Cal.
Owner Clayton R. Grice, Del Mar, Cal.
Born Dec. 23, 1912. *Calved* Mar. 28, 1915. *Served* July 19, 1915.
Requirement for admission: 260.30 lbs. butter fat.

Official year's record: 7618.90 lbs. milk; 367.63 lbs. butter fat.

Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	774.60 lbs.	3.98 %	30.83 lbs.
May,	"	816.60 "	4.94 "	40.34 "
June,	"	733.40 "	5.13 "	37.62 "
July,	"	729.50 "	4.16 "	30.35 "
Aug.,	"	688.80 "	4.51 "	31.27 "
Sept.,	"	614.10 "	4.31 "	26.47 "
Oct.,	"	620.90 "	5.06 "	31.42 "
Nov.,	"	586.30 "	4.95 "	29.02 "
Dec.,	"	616.40 "	5.03 "	31.00 "
Jan.,	1916,	567.50 "	5.37 "	30.47 "
Feb.,	"	469.60 "	5.71 "	26.81 "
*Mar.,	"	401.20 "	5.49 "	22.03 "
Total		7618.90 lbs.	4.83 Av. %	367.63 lbs.

*8 days dry in March.

Feed

Apr., 1915. 2.5 to 4.4 lbs. grain daily of the following mixture: 2 to 4 lbs. rolled barley, .5 to .4 lb. oil meal; pasture.
May, 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; pasture.
June, 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; alfalfa and pasture.
July, 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; alfalfa hay and pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same grain ration as given in July; 8 to 10 lbs. beets, alfalfa hay.
Oct., 1915. Same grain ration as given in July; 25 to 30 lbs. beets, alfalfa hay.
Nov., 1915. 4.4 lbs. grain daily of the following mixture: 4 lbs. rolled barley, .4 lb. oil meal; 25 lbs. beets, alfalfa hay.
Dec., 1915. Same grain ration as given in July; 20 lbs. beets, alfalfa hay.
Jan., 1916. Same grain ration as given in July; alfalfa hay and pasture.
Feb., 1916. Same grain ration as given in July; alfalfa hay, barley and grass pasture.
Mar., 1916. Same grain ration as given in July; alfalfa hay and barley pasture.

4420 Imp. Buttercup of Plaisance 50401

Sire On Guernsey Mino (R. G. A. S. 1415 P. S.) A. R.
Sire On Guernsey Ransom of Les Prevosts (R. G. A. S. 1219 P. S.).
Dam Minnette of New Place (R. G. A. S. 2297 F. S.).
Dam On Guernsey May Queen of les Padins (R. G. A. S. 2175 F. S.)
Sire On Guernsey.
Dam On Guernsey.
Breeder P. Le Vée, Island of Guernsey.
Owner Alfred L. Lincoln, Norwell, Mass.
Born May 3, 1905. *Calved* Dec. 20, 1914.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 14904.40 lbs. milk; 650.04 lbs. butter fat.

(Record from Dec. 24, 1914 to Dec. 23, 1915.)
Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	281.10 lbs.	3.69 %	10.37 lbs.
Jan.,	1915,	1654.60 "	3.69 "	61.05 "
Feb.,	"	1381.60 "	3.78 "	52.22 "
Mar.,	"	1465.50 "	4.11 "	60.23 "
Apr.,	"	1393.00 "	4.32 "	60.18 "
May,	"	1423.50 "	4.53 "	64.48 "
June,	"	1117.40 "	4.64 "	51.85 "
July,	"	1259.10 "	4.75 "	59.81 "
Aug.,	"	1194.30 "	4.46 "	53.27 "
Sept.,	"	1037.10 "	4.75 "	49.26 "
Oct.,	"	1032.10 "	4.94 "	50.99 "
Nov.,	"	972.10 "	4.48 "	43.55 "
Dec.,	"	693.00 "	4.73 "	32.78 "
Total		14904.40 lbs.	4.36 Av. %	650.04 lbs.

Feed

Dec., 1914. 9.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 2 lbs. each Bibby's Feed and Unicorn Dairy Ration, .5 lb. each cottonseed meal and oil meal; 8 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. each alfalfa and mixed hay.
Jan., 1915. 11 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 3 lbs. each Unicorn Dairy Ration and Bibby's Feed, .5 lb. cottonseed meal; 20 lbs. roots, 25 lbs. ensilage, 6 lbs. each alfalfa and mixed hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and ground oats, 2 lbs. each Unicorn Dairy Ration and Bibby's Feed, .5 lb. cottonseed meal; 30 lbs. ensilage, 6 lbs. each alfalfa and mixed hay.
Mar., 1915. 12.5 lbs. grain daily of the following mixture: 1.5 lbs. bran, 1 lb. each corn meal and cottonseed meal, 3 lbs. each ground oats, Bibby's Feed, and Unicorn Dairy Ration; 15 lbs. each beet pulp and ensilage, 6 lbs. each alfalfa and mixed hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same ration as given in March.
June, 1915. Same ration as given in March.
July, 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each corn meal, Bibby's Feed, Brewers' Grains, and cottonseed meal, 150 lbs. ground oats, 400 lbs. Unicorn Dairy Ration; beet pulp and alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 13 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, gluten, and cottonseed meal, 150 lbs. crushed oats, 400 lbs. Stock Feed, 200 lbs. each Unicorn Dairy Ration and Bibby's Feed; 4 lbs. beet pulp, 8 lbs. beets, 20 lbs. ensilage, 9 lbs. alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and Stock Feed, 200 lbs. each corn meal, ground oats, and Unicorn Dairy Ration, 100 lbs. each cottonseed meal and oil meal; roughage same as given in October.
Dec., 1915. Same ration as given in November.

4421 Queen of Park Farm 42866

Sire Rhea's King of the May (14368) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Princess Rhea 3d (21331).
Dam Park's Yeksa Queen (21602) A. R. 1809.
Sire Dawn's Twilight's Yeksa (10268).
Dam Queen Isabella 3d's Daughter (18754).
Breeder John H. Williams, Waukesha, Wis.
Owner John H. Williams, Waukesha, Wis.
Sold Dec. 26, 1915 to Frank O. Lowden, Oregon, Ill.
Born Sept. 23, 1912. *Calved* Jan. 17, 1915. *Served* Sept. 27, 1915.
Requirement for admission: 263.50 lbs. butter fat.

Official year's record: 8255.00 lbs. milk; 398.41 lbs. butter fat.

Supervised by Wisconsin and Illinois Agricultural Experiment Stations.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	730.10 lbs.	4.10 %	29.93 lbs.
Mar.,	"	894.20 "	4.17 "	37.28 "
Apr.,	"	879.70 "	3.93 "	34.57 "
May,	"	839.10 "	4.48 "	37.59 "
June,	"	810.30 "	4.53 "	36.71 "
July,	"	829.90 "	4.63 "	38.42 "
Aug.,	"	765.90 "	5.04 "	38.60 "
Sept.,	"	624.20 "	5.19 "	32.40 "
Oct.,	"	567.90 "	5.81 "	32.99 "
Nov.,	"	485.40 "	6.27 "	30.43 "
Dec.,	"	469.30 "	6.24 "	29.28 "
Jan.,	1916,	359.00 "	5.63 "	20.21 "
Total		8255.00 lbs.	4.83 Av. %	398.41 lbs.

Feed

Feb., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. each corn and oats (ground), 125 lbs. Ajax Flakes; 25 lbs. ensilage, alfalfa hay.
Mar., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground corn and oats, 125 lbs. Ajax Flakes; 30 lbs. ensilage, and mixed hay.
Apr., 1915. 11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. oil meal added: 100 lbs. each bran and Schumacher Feed, 60 lbs. ground corn and oats; 2 lbs. beet pulp, 30 lbs. ensilage, and mixed hay.
May, 1915. Same ration as given in April.
June, 1915. 9 lbs. grain daily, .8 lbs. of the following mixture with 1 lb. oil meal added: 200 lbs. bran, 100 lbs. each ground corn and oats, 125 lbs. Ajax Flakes; ensilage and mixed hay to the 15th, then green oats and peas.
July, 1915. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. oil meal added: 200 lbs. bran, 100 lbs. each ground corn and oats, and Ajax Flakes; 4 lbs. beets, alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 125 lbs. Ajax Flakes, 100 lbs. oil meal; clover hay.
Oct., 1915. 13 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 100 lbs. Ajax Flakes, 75 lbs. oil meal; 15 lbs. beets, green corn with mixed clover and alfalfa hay.
Nov., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 125 Ajax Flakes, 300 lbs. Schumacher Feed; 10 lbs. beets, 20 lbs. ensilage, alfalfa and mixed clover hay.
Dec., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 150 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. Schumacher Feed; 4 lbs. beet pulp, 5 lbs. beets, 12 lbs. ensilage, mixed clover and timothy hay.
Jan., 1916. 4 lbs. grain daily of the following mixture: 2 lbs. bran, 1 lb. each middlings and oil meal; 30 lbs. ensilage, alfalfa hay.

4422 **Park Dawn's Anna J. 43194**

Sire Imp. Raymond of Sarnia (19172).
Sire Imp. Raymond of the Prêel IV. (19235) A. R.
Dam On Guernsey Busy Bee V. (R. G. A. S. 4894 P. S.).
Dam Rhea's Park Dawn (34761) A. R. 2335.
Sire Rhea's King of the May (14268) A. R.
Dam Gypson's Dawn (18759) A. R. 1784.
Breeder John H. Williams, Waukesha, Wis.
Owner John H. Williams, Waukesha, Wis.
Born Oct. 9, 1912. *Calved* Mar. 21, 1915. *Served* Nov. 19, 1915.
Requirement for admission: 267.00 lbs. butter fat.

Official year's record: 8414.80 lbs. milk; 445.00 lbs. butter fat.

(Record from Mar. 24, 1915 to Mar. 23, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	181.40 lbs.	5.51 %	10.00 lbs.
Apr.,	"	877.20 "	4.01 "	35.18 "
May,	"	884.60 "	5.42 "	47.95 "
June,	"	829.30 "	4.87 "	40.39 "
July,	"	826.00 "	4.79 "	39.57 "
Aug.,	"	794.00 "	4.78 "	37.95 "
Sept.,	"	685.40 "	5.21 "	35.71 "
Oct.,	"	639.90 "	5.32 "	34.04 "
Nov.,	"	563.10 "	5.95 "	33.50 "
Dec.,	"	575.90 "	5.98 "	34.44 "
Jan.,	"	591.80 "	6.03 "	35.69 "
Feb.,	"	538.10 "	6.27 "	33.74 "
Mar.,	"	428.10 "	6.27 "	26.84 "
Total		8414.80 lbs.	5.29 Av. %	445.00 lbs.

Feed

Mar., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground corn and ground oats, 125 lbs. Ajax Flakes; 30 lbs. ensilage, mixed hay.
Apr., 1915. 9 lbs. grain daily, 8 lbs. of the following mixture with 1 lb. oil meal added: 100 lbs. each bran and Schumacher Feed, 60 lbs. ground oats and corn; 2 lbs. beet pulp, 30 lbs. ensilage, and mixed hay.
May, 1915. Same grain ration as given in April; 2 lbs. beet pulp, 30 lbs. ensilage, mixed hay.
June, 1915. Same grain ration as given in March with 1 lb. oil meal added; ensilage and mixed hay to the 16th, then green oats and peas.
July, 1915. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. oil meal added: 200 lbs. bran, 100 lbs. each (ground corn and oats) and Ajax Flakes; 4 lbs. beets, alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. 13.5 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 125 lbs. Ajax Flakes, 100 lbs. oil meal; clover hay.
Oct., 1915. 13 lbs. grain daily of the following mixture: 200 lbs. bran, 300 lbs. ground corn and oats, 100 lbs. Ajax Flakes, 75 lbs. oil meal; 15 lbs. beets, green corn, mixed clover and alfalfa hay.
Nov., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 125 lbs. Ajax Flakes, 300 lbs. Schumacher Feed; 10 lbs. beets, 20 lbs. ensilage, alfalfa and clover hay.
Dec., 1915. 13.5 lbs. grain daily, 12 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 150 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. Schumacher Feed; 2 lbs. beet pulp, 5 lbs. beets, 20 lbs. ensilage, mixed clover and timothy hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.
Mar., 1916. 8.5 lbs. grain daily, 8 lbs. same mixture as given in December with .5 lb. oil meal added; 15 lbs. each beet pulp (wet) and ensilage, 10 lbs. alfalfa hay.

4423 **Auricula's Hilda 41540**

Sire Auricula's Main-sheet (8870) A. R.
Sire Main Sheet of Pinehurst (6525).
Dam Auricula 2d (12209) A. R. 106.
Dam Spring Brook's Hilda (33757).
Sire Auricula's Main-sheet (8870) A. R.
Dam Hilda of Spring Brook (25064).
Breeder M. H. Packer, Milford, N. Y.
Owner Chase Bros., Independence, Oregon.
Sold Nov. 11, 1915 to J. A. & J. T. Richey, Boring, Oregon.
Born Apr. 20, 1912. *Calved* Apr. 17, 1915. *Served* Dec. 4, 1915.
Requirement for admission: 287.40 lbs. butter fat.

Official year's record: 8740.00 lbs. milk; 421.86 lbs. butter fat.

(Record from Apr. 25, 1915 to Apr. 24, 1916.)
Supervised under one day test by Oregon Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	172.50 lbs.	4.49 %	7.75 lbs.
May,	"	989.50 "	4.36 "	43.14 "
June,	"	944.20 "	4.08 "	38.52 "
July,	"	872.90 "	4.10 "	35.79 "
Aug.,	"	765.50 "	4.76 "	36.44 "
Sept.,	"	669.00 "	4.63 "	30.97 "
Oct.,	"	624.70 "	5.31 "	33.17 "
Nov.,	"	611.50 "	5.15 "	31.49 "
Dec.,	"	632.30 "	5.69 "	35.98 "
Jan.,	1916,	671.50 "	5.24 "	35.19 "
Feb.,	"	633.00 "	4.70 "	29.75 "
Mar.,	"	655.60 "	5.14 "	33.70 "
Apr.,	"	497.80 "	6.02 "	29.97 "
Total		8740.00 lbs.	4.83 Av. %	421.86 lbs.

Feed

Apr., 1915. 2 lbs. ground oats daily; pasture.
May, 1915. 4 lbs. ground oats daily; pasture.
June, 1915. 4.5 lbs. grain daily of the following mixture: 2 lbs. ground oats, 2.5 lbs. shorts; pasture.
July, 1915. Same ration as given in June.
Aug., 1915. 5 lbs. ground oats daily; green oats and oat hay with pasture.
Sept., 1915. 5 lbs. ground oats daily; 20 lbs. green corn, 10 lbs. kale, with pasture.
Oct., 1915. 4 lbs. grain daily equal parts ground oats and ground barley; 20 lbs. green corn to the 10th then 25 lbs. ensilage, 10 lbs. kale.
Nov., 1915. Same grain ration as given in October; 25 lbs. ensilage, 20 lbs. kale to the 12th, then 10 lbs. with 6 lbs. alfalfa hay.
Dec., 1915. 6.5 lbs. grain daily of the following mixture: 73.5 lbs. bran, 87 lbs. ground oats, 13.5 lbs. shorts, 29 lbs. oil meal; 30 lbs. kale, 15 lbs. hay.
Jan., 1916. 7.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran, shorts, and oil meal, 3 lbs. ground oats; 1.5 lbs. beet pulp, 15 lbs. hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 57 lbs. bran, 67 lbs. ground oats, 60 lbs. ground barley, 13.5 lbs. shorts, 43.5 lbs. oil meal; 2 to 3.5 lbs. beet pulp, 20 to 30 lbs. kale, 10 lbs. hay.
Mar., 1916. 8 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 2 lbs. ground oats, 3 lbs. ground barley; 4 to 5 lbs. beet pulp, 30 lbs. kale, 10 lbs. hay.
Apr., 1916. Same grain ration as given in March; 5 lbs. beet pulp, 30 lbs. kale, 10 lbs. hay.

4424 **Imp. Guilbert's Pride III. 42706**

Sire On Guernsey Sir Henry (R. G. A. S. 2213 P. S.) A. R.
Sire On Guernsey San Francisco of the Brickfield (R. G. A. S. 1886 P. S.).
Dam Imp. Rouge of the Brickfield (40144).
Dam On Guernsey Guilbert's Pride (R. G. A. S. 3351 F. S.).
Sire On Guernsey Scottie of the Gâchères (R. G. A. S. 1353 P. S.) A. R.
Dam On Guernsey Guilbert I. of the Brickfield (R. G. A. S. 2530 F. S.).
Breeder E. A. Best, Island of Guernsey.
Owner Jean Du Luth Farm, Inc., Duluth, Minn.
Born May 3, 1911. *Calved* Apr. 4, 1915. *Served* Oct. 5, 1915.
Requirement for admission: 320.80 lbs. butter fat.

Official year's record: 10460.80 lbs. milk; 649.12 lbs. butter fat.

(Record from Apr. 7, 1915 to Apr. 6, 1916.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	974.00 lbs.	5.18 %	50.45 lbs.
May,	"	1121.40 "	5.65 "	63.36 "
June,	"	976.70 "	6.07 "	59.29 "
July,	"	963.80 "	6.38 "	61.49 "
Aug.,	"	860.80 "	6.46 "	55.60 "
Sept.,	"	871.70 "	6.09 "	53.08 "
Oct.,	"	838.30 "	6.38 "	53.48 "
Nov.,	"	765.80 "	6.61 "	50.62 "
Dec.,	"	737.20 "	6.62 "	48.80 "
Jan.,	1916,	723.50 "	6.46 "	46.74 "
Feb.,	"	703.70 "	6.52 "	45.88 "
Mar.,	"	779.90 "	6.53 "	50.93 "
Apr.,	"	144.00 "	6.53 "	9.40 "
Total		10460.80 lbs.	6.21 Av. %	649.12 lbs.

Feed

Apr., 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, Brewers' Grains, gluten, cottonseed meal, and oil meal, 2 parts Schumacher Feed; 35 lbs. ensilage.
May, 1915. 15 lbs. grain daily same mixture as given in April except no Brewers' Grains; 30 lbs. ensilage.
June, 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, gluten, and cottonseed meal, 2 parts Schumacher Feed, 1.5 parts oil meal; mixed hay and pasture.
July, 1915. 14 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes and gluten, 2 parts each Schumacher Feed and oil meal; mixed hay and pasture.
Aug., 1915. 12 lbs. grain daily of the following mixture: 3 parts bran, 1 part each Ajax Flakes, gluten, and cottonseed meal, 2 parts Schumacher Feed, 1.5 parts oil meal; mixed hay and pasture.
Sept., 1915. Same grain ration as given in August; 10 lbs. rutabagas, and hay.
Oct., 1915. Same grain ration as given in August; 30 lbs. rutabagas, and mixed hay.
Nov., 1915. 13 lbs. grain daily same mixture as given in July; 28 lbs. rutabagas, and mixed hay.
Dec., 1915. Same grain ration as given in November; 25 lbs. rutabagas, and mixed hay.
Jan., 1916. Same grain ration as given in November; 25 lbs. rutabagas, and mixed hay.
Feb., 1916. Same grain ration as given in November; hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.

4425 **Thelma's Princess of Hickory Hill 44345**

Sire Pride of Hickory Hill (14715).
Sire Imp. Golden Secret (12599) A. R.
Dam Queen of Maple Glen (17583) A. R. 749.
Dam Thelma Trink (25638) A. R. 3360.
Sire Thelman (12728) A. R.
Dam Wahnora (25636).
Breeder J. Hector McNeal, Devon, Pa.
Owner Robert F. Whitmer, Hatboro, Pa.
Sold Sept. 14, 1915 to Charles W. Curtis, Marlboro, Mass.
Born Nov. 22, 1912. *Calved* Mar. 24, 1915. *Served* June 15, 1915.
Requirement for admission: 263.40 lbs. butter fat.

Official year's record: 8086.90 lbs. milk; 411.41 lbs. butter fat.

Supervised by The National Farm School, Farm School, Pa, and Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	1033.50 lbs.	4.61 %	47.64 lbs.
May,	"	1108.10 "	4.70 "	52.08 "
June,	"	905.80 "	5.01 "	45.38 "
July,	"	775.90 "	4.89 "	37.94 "
Aug.,	"	784.00 "	5.01 "	39.28 "
Sept.,	"	712.90 "	4.90 "	34.93 "
Oct.,	"	689.90 "	5.60 "	38.63 "
Nov.,	"	621.40 "	5.43 "	33.74 "
Dec.,	"	460.30 "	5.35 "	24.63 "
Jan.,	1916,	465.60 "	5.27 "	24.54 "
Feb.,	"	436.30 "	6.16 "	26.88 "
*Mar.,	"	93.20 "	6.16 "	5.74 "
Total		8086.90 lbs.	5.09 Av. %	411.41 lbs.

*Dry 13 days in March.

Feed

Apr., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 12 lbs. grain daily same mixture as given in April; 25 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and cottonseed meal, 50 lbs. corn meal, 200 lbs. Brewers' Grains; 25 lbs. ensilage, 10 lbs. alfalfa hay.
July, 1915. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and Brewers' Grains, 100 lbs. each corn meal, gluten, and cottonseed meal, 50 lbs. linseed meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and cottonseed meal, 200 lbs. Brewers' Grains, 50 lbs. linseed meal; 25 lbs. ensilage, and pasture.
Sept., 1915. 10 lbs. grain daily of the following mixture: 150 lbs. each bran, corn meal, gluten, and cottonseed meal, 300 lbs. ground oats, 100 lbs. oil meal; 30 lbs. ensilage, rowen and hay.
Oct., 1915. 15 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, Diamond Stock Feed, gluten, and cottonseed meal, 50 lbs. linseed meal; 40 lbs. ensilage, green feed, rowen, and alfalfa.
Nov., 1915. 8 lbs. grain daily of the following mixture: 250 lbs. bran, 100 lbs. each ground oats, gluten, alfalfa meal, and cottonseed meal, 150 lbs. Brewers' Grains; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Brewers' Grains, gluten, cottonseed meal, and alfalfa meal; 2 lbs. beet pulp, 30 lbs. ensilage, 15 lbs. hay.
Feb., 1916. 7 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, Brewers' Grains, gluten, alfalfa meal, and cottonseed meal; 2 lbs. beet pulp, 30 lbs. ensilage, 15 lbs. hay.
Mar., 1916. 3.5 lbs. grain daily of the following mixture: 300 lbs. bran, 50 lbs. oil meal; 15 lbs. ensilage, 10 lbs. hay.

4426 **Buttercup of Keewaydin 34708**

Sire Imp. Squire II. of the Camp (15237).
Sire On Guernsey Golden Noble II. (R. G. A. S. 1836 P. S.) A. R.
Dam Imp. Sarah Bern (34971).
Dam Imp. Figtree Leaf II. (28239) A. R. 1983.
Sire On Guernsey King of the Friquet (R. G. A. S. 1674 P. S.) A. R.
Dam On Guernsey Figtree Leaf (R. G. A. S. 2679 F. S.).
Breeder Elbert H. Baker, Gates Mill, Ohio.
Owner Elbert H. Baker, Gates Mill, Ohio.
Sold May 19, 1915 to J. L. Severance, Cleveland, Ohio.
Born Sept. 16, 1910. *Calved* Oct. 27, 1914. *Served* Apr. 9, 1915.
Requirement for admission: 328.00 lbs. butter fat.

Official year's record: 10798.75 lbs. milk; 486.17 lbs. butter fat.

Supervised by Ohio State University, Columbus, Ohio.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	1290.60 lbs.	4.25 %	54.85 lbs.
Dec.,	"	1440.00 "	4.25 "	61.20 "
Jan.,	1915,	1268.80 "	4.25 "	53.92 "
Feb.,	"	1083.90 "	4.47 "	48.45 "
Mar.,	"	1096.50 "	4.57 "	50.11 "
Apr.,	"	1027.00 "	4.52 "	46.42 "
May,	"	910.40 "	4.18 "	38.05 "
June,	"	684.00 "	4.67 "	31.94 "
July,	"	651.00 "	4.66 "	30.34 "
Aug.,	"	542.25 "	4.99 "	27.06 "
Sept.,	"	439.80 "	5.26 "	23.13 "
Oct.,	"	364.50 "	5.68 "	20.70 "
Total		10798.75 lbs.	4.50 Av. %	486.17 lbs.

Feed

Nov., 1914. 15 lbs. grain daily of the following mixture: 3 lbs. bran, .3 lb. each middlings and cottonseed meal, 1.8 lbs. each corn meal, hominy, and Schumacher Feed, 3.6 lbs. ground oats, .9 lb. each D. D. D. Grains and gluten, .6 lb. oil meal; 5 lbs. beet pulp, 18 lbs. ensilage, 10 lbs. alfalfa and 1.5 lbs. mixed hay.
Dec., 1914. 16.5 lbs. grain daily of the following mixture: 3 lbs. each bran, corn meal, and ground oats, .3 lb. each middlings and cottonseed meal, 2.1 lbs. hominy, .9 lb. D. D. D. Grains, 2.7 lbs. Schumacher Feed, .6 lb. each gluten and oil meal; 6 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay, and 1 lb. corn stover.
Jan., 1915. 15.9 lbs. grain daily of the following mixture: 3 lbs. bran, .3 lb. each middlings and cottonseed meal, 2.4 lbs. hominy, 2.1 lbs. corn meal, 3.9 lbs. ground oats, .9 lb. each D. D. D. Grains and gluten, 1.5 lbs. Schumacher Feed, .6 lb. oil meal; 6 lbs. beet pulp, 23 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1915. 15.6 lbs. grain daily of the following mixture: 2.4 lbs. each bran and corn meal, .3 lb. each middlings, oil meal, and cottonseed meal, 2.7 lbs. hominy, 3.6 lbs. ground oats, 2.1 lbs. Schumacher Feed, .9 lb. D. D. D. Grains, .6 lb. gluten; 5.8 lbs. beet pulp, 22 lbs. ensilage, 10 lbs. hay.
Mar., 1915. 14.1 lbs. grain daily of the following mixture: 2.4 lbs. bran, 2.1 lbs. each corn meal and hominy, 1.2 lbs. D. D. D. Grains, .9 lb. each Oat Feed and Schumacher Feed, 3.3 lbs. Arcady Feed, .6 lb. gluten, .3 lb. each cottonseed meal and oil meal; 5 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
Apr., 1915. 14.7 lbs. grain daily of the following mixture: 2.4 lbs. each bran and corn meal, 2.1 lbs. hominy, 3.6 lbs. Arcady Feed, 1.5 lbs. Schumacher Feed, .6 lb. each D. D. D. Grains, cottonseed meal, and oil meal, .9 lb. gluten; 5.4 lbs. beet pulp, 23 lbs. ensilage, 10 lbs. hay.
May, 1915. Same ration as given in April to the 20th, then 12 lbs. equal parts bran, corn meal, and ground oats; pasture.
June, 1915. Same ration as given last of May.
July, 1915. Same ration as given in June.
Aug., 1915. Same ration as given in June.
Sept., 1915. Same ration as given in June.
Oct., 1915. Same ration as given in June.

4427 **Peach of Maplehurst 43459**

Sire Erminia's Governor (13504) A. R.
Sire Imp. Antoinette's Governor (10029).
Dam Erminia (14786).
Dam Hattie Stover (36038).
Sire Stover (13756).
Dam Hattie McKinney (26789).
Breeder Lee S. Clymer, Riegelsville, Pa.
Owner B. H. Baker & Son, Bliss, N. Y.
Born Feb. 8, 1913. *Calved* Jan. 2, 1915. *Served* Sept. 11, 1915.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 6703.60 lbs. milk; 377.79 lbs. butter fat.

(Record from Jan. 5, 1915 to Jan. 4, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	518.30 lbs.	4.45 %	23.06 lbs.
Feb.,	"	594.10 "	4.55 "	27.03 "
Mar.,	"	654.00 "	5.34 "	34.92 "
Apr.,	"	630.70 "	5.85 "	36.90 "
May,	"	646.00 "	5.85 "	37.79 "
June,	"	569.70 "	5.61 "	31.96 "
July,	"	564.30 "	6.00 "	33.86 "
Aug.,	"	584.70 "	5.34 "	31.22 "
Sept.,	"	554.90 "	5.74 "	31.85 "
Oct.,	"	481.10 "	6.25 "	30.07 "
Nov.,	"	402.20 "	6.75 "	27.15 "
Dec.,	"	447.90 "	6.35 "	28.44 "
Jan.,	1916,	55.70 "	6.35 "	3.54 "
Total		6703.60 lbs.	5.64 Av. %	377.79 lbs.

Feed

Jan., 1915. 8 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal and gluten, 100 lbs. cottonseed meal, 50 lbs. oil meal; 2 lbs. beet pulp on the 31st, 24 lbs. ensilage, mixed hay.
Feb., 1915. Same grain ration as given in January; 6 lbs. beet pulp, 24 lbs. ensilage, mixed hay.
Mar., 1915. Same grain ration as given in January with 2 lbs. ground oats added daily; 6 lbs. beet pulp, 20 lbs. corn ensilage, mixed hay.
Apr., 1915. Same ration as given in March.
May, 1915. Same grain ration as given in January with 2 lbs. ground oats added; 15 lbs. ensilage, mixed hay.
June, 1915. 4 lbs. ground oats daily; pasture.
July, 1915. 2 qts. ground oats daily; pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and gluten, 50 lbs. oil meal; pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, gluten, and oil meal; pasture.
Nov., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and ground oats, 50 lbs. oil meal; 12 to 14 qts. turnips, mixed hay.
Dec., 1915. Same grain ration as given in November; 12 to 14 qts. turnips from 1st to 12th, 1 bu. ensilage from 13th to 31st, mixed hay.
Jan., 1916. Same grain ration as given in November; 1 bu. ensilage, mixed clover and timothy hay.

4428 **Imp. Governor of the Chêne's Lily 44940**

Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Sire On Guernsey Compact (R. G. A. S. 1076 P. S.).
Dam On Guernsey Richesse du Chêne VIII. (R. G. A. S. 4004 P. S.).
Dam On Guernsey Lily Valinquet III. (R. G. A. S. 6443 P. S.).
Sire On Guernsey Smilax of the Niaux (R. G. A. S. 1385 P. S.) A. R.
Dam On Guernsey Lily Valinquet I. (R. G. A. S. 6320 P. S.).
Breeder T. Mauger, Island of Guernsey.
Owner Dale E. Rundell, Livingston, Wis.
Born May 13, 1912. *Calved* Apr. 20, 1915. *Served* Dec. 15, 1915.
Requirement for admission: 285.20 lbs. butter fat.

Official year's record: 9007.90 lbs. milk; 482.80 lbs. butter fat.

(Record from Apr. 26, 1915 to Apr. 25, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	143.80 lbs.	4.00 %	5.75 lbs.
May,	"	1130.00 "	4.00 "	45.20 "
June,	"	1104.00 "	4.86 "	53.65 "
July,	"	987.40 "	4.70 "	46.41 "
Aug.,	"	944.90 "	5.01 "	47.34 "
Sept.,	"	749.20 "	5.28 "	39.56 "
Oct.,	"	645.80 "	6.05 "	39.07 "
Nov.,	"	583.90 "	6.03 "	35.21 "
Dec.,	"	599.20 "	6.20 "	37.15 "
Jan.,	1916,	554.00 "	6.50 "	36.01 "
Feb.,	"	524.60 "	6.34 "	33.26 "
Mar.,	"	573.50 "	6.48 "	37.16 "
Apr.,	"	467.60 "	5.78 "	27.03 "
Total		9007.90 lbs.	5.36 Av. %	482.80 lbs.

Feed

Apr., 1915. 8.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and gluten, 150 lbs ground oats, 75 lbs. Ajax Flakes; ensilage, hay, and pasture.
May, 1915. Same ration as given in April.
June, 1915. 9.6 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, ground barley, and gluten, 25 lbs. Ajax Flakes; pasture.
July, 1915. 11.4 lbs. grain daily same mixture as given in June; pasture.
Aug., 1915. 9.9 lbs. grain daily equal parts bran, ground barley, ground oats, and gluten; pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 10.8 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each ground oats, ground barley, Ajax Flakes, and gluten feed; corn fodder to the 20th then corn ensilage, alfalfa hay and pasture.
Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 100 lbs. ground barley, 50 lbs. each Ajax Flakes and cottonseed meal, 125 lbs. gluten; ensilage and alfalfa hay.
Dec., 1915. 12.2 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 100 lbs. each ground barley and Ajax Flakes, 125 lbs. gluten; ensilage, alfalfa and mixed hay.
Jan., 1916. 9.6 lbs. grain daily same mixture as given in December; ensilage and alfalfa hay.
Feb., 1916. 8.1 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each ground barley and Ajax Flakes, 125 lbs. gluten; ensilage and alfalfa hay.
Mar., 1916. 8.4 lbs. grain daily of the following mixture: 200 lbs. bran, 250 lbs. ground oats, 100 lbs. each Ajax Flakes and gluten; ensilage and alfalfa hay.
Apr., 1916. 7 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 125 lbs. Ajax Flakes, 100 lbs. gluten; 2 lbs. beet pulp, ensilage and alfalfa hay.

4429 **Imp. Audrey of Ore Hill 52268**

Sire Imp. Flora's Sequel of Vimiera (25905).
Sire On Guernsey St. John (R. G. A. S. 2063 P. S.) A. R.
Dam Imp. Flora of Vimiera (45954).
Dam On Guernsey Nutmeg (R. G. A. S. 3456 F. S.).
Sire On Guernsey Kemi (R. G. A. S. 1553 P. S.).
Dam On Guernsey Meg (R. G. A. S. 2925 F. S.).
Breeder D. M. Gaudion, Island of Guernsey.
Owner Dale E. Rundell, Livingston, Wis.
Born Oct. 11, 1912. *Calved* May 6, 1915. *Served* Feb. 15, 1916.
Requirement for admission: 271.30 lbs. butter fat.

Official year's record: 9084.10 lbs. milk; 434.60 lbs. butter fat.

(Record from May 8, P. M., 1915 to May 8, M., 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	577.70 lbs.	4.02 %	23.22 lbs.
June,	"	939.40 "	4.02 "	37.76 "
July,	"	975.90 "	4.00 "	39.04 "
Aug.,	"	882.00 "	4.61 "	40.66 "
Sept.,	"	677.50 "	5.22 "	35.37 "
Oct.,	"	670.10 "	4.93 "	33.04 "
Nov.,	"	642.60 "	4.96 "	31.87 "
Dec.,	"	734.30 "	5.06 "	37.16 "
Jan.,	1916,	733.30 "	5.09 "	37.32 "
Feb.,	"	682.90 "	5.44 "	37.15 "
Mar.,	"	713.60 "	5.25 "	37.46 "
Apr.,	"	679.80 "	5.26 "	35.76 "
May,	"	175.00 "	5.02 "	8.79 "
Total		9084.10 lbs.	4.78 Av. %	434.60 lbs.

Feed

May, 1915. 4 lbs. grain daily of the following mixture from 1st to 20th: 200 lbs. bran, 100 lbs. each corn meal and gluten, 120 lbs. ground oats, 125 lbs. Ajax Flakes; from 21st to 31st 7 lbs. equal parts bran, corn meal, ground oats, and gluten; 30 lbs. ensilage, alfalfa hay.
June, 1915. 7.5 lbs. grain daily equal parts bran, ground barley, and ground oats; pasture.
July, 1915. 8 lbs. grain daily of the following mixture: 75 lbs. each bran and corn meal, 35 lbs. each ground barley and ground oats; pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 8.25 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each ground oats, ground barley, Ajax Flakes, and gluten feed; corn fodder from 1st to 20th then ensilage, alfalfa hay and pasture.
Nov., 1915. 11.6 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 100 lbs. ground barley, 50 lbs. each Ajax Flakes and cottonseed meal, 125 lbs. gluten; ensilage and alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 100 lbs. each ground barley and Ajax Flakes, 125 lbs. gluten; ensilage, alfalfa and mixed hay.
Jan., 1916. Same grain ration as given in December; ensilage and alfalfa hay.
Feb., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each ground barley and Ajax Flakes, 125 lbs. gluten; ensilage and alfalfa hay.
Mar., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 250 lbs. ground oats, 100 lbs. each Ajax Flakes and gluten; ensilage and alfalfa hay.
Apr., 1916. 11 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 125 lbs. Ajax Flakes, 100 lbs. gluten; 2 lbs. beet pulp, ensilage and alfalfa hay.
May, 1916. 10.5 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each Ajax Flakes and gluten feed; 2 lbs. beet pulp, ensilage and alfalfa hay.

4430 Imp. Alta of Ore Hill 52269

Sire On Guernsey Rufus II. of la Grande Rue (R. G. A. S. 2457 P. S.) A. R.
Sire Imp. President of the Isle (14857) A. R.
Dam On Guernsey Violet of la Bellieuse (R. G. A. S. 2468 F. S.).
Dam On Guernsey Rosie II. of la Girouette (R. G. A. S. 3648 F. S.).
Sire On Guernsey.
Dam On Guernsey Rosie of la Girouette (R. G. A. S. 3646 F. S.).
Breeder Miss E. De Garis, Island of Guernsey.
Owner Dale E. Rundell, Livingston, Wis.
Born Oct. 16, 1912. *Calved* May 7, 1915. *Served* Dec. 10, 1915.
Requirement for admission: 271.00 lbs. butter fat.

Official year's record: 8036.20 lbs. milk; 394.44 lbs. butter fat.

(Record from May 10, 1915 to May 9, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	636.50 lbs.	3.85 %	24.51 lbs.
June,	"	1018.70 "	4.56 "	46.45 "
July,	"	917.80 "	4.12 "	37.81 "
Aug.,	"	852.10 "	4.36 "	37.15 "
Sept.,	"	684.60 "	5.16 "	35.33 "
Oct.,	"	634.30 "	5.20 "	32.98 "
Nov.,	"	546.80 "	5.46 "	29.86 "
Dec.,	"	572.80 "	5.19 "	29.73 "
Jan.,	1916,	529.40 "	5.65 "	29.91 "
Feb.,	"	467.30 "	5.75 "	26.87 "
Mar.,	"	498.90 "	5.54 "	27.64 "
Apr.,	"	519.30 "	5.35 "	27.78 "
May,	"	157.70 "	5.34 "	8.42 "
Total		8036.20 lbs.	4.91 Av. %	394.44 lbs.

Feed

May, 1915. 5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and gluten, 150 lbs. ground oats, 75 lbs. Ajax Flakes; ensilage and hay, with pasture after the 20th.
June, 1915. 6.6 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, ground barley, and gluten, 25 lbs. Ajax Flakes; pasture.
July, 1915. 10.2 lbs. grain daily of the following mixture: 100 lbs. each bran, ground barley, ground oats, and gluten, 25 lbs. Ajax Flakes; pasture.
Aug., 1915. 9 lbs. grain daily equal parts bran, ground barley, ground oats, and gluten; pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 9 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each ground oats, ground barley, Ajax Flakes, and gluten; corn fodder to the 20th then ensilage, alfalfa hay and pasture throughout the month.
Nov., 1915. 10.2 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 100 lbs. ground barley, 50 lbs. each Ajax Flakes and cottonseed meal, 125 lbs. gluten; ensilage and alfalfa hay.
Dec., 1915. 10.5 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 100 lbs. each ground barley and Ajax Flakes, 125 lbs. gluten; ensilage, alfalfa and mixed hay.
Jan., 1916. 9 lbs. grain daily same mixture as given in December; ensilage and alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. ground barley, 125 lbs. gluten; ensilage and alfalfa hay.
Mar., 1916. 8.4 lbs. grain daily of the following mixture: 200 lbs. bran, 250 lbs. ground oats, 100 lbs. each Ajax Flakes and gluten; ensilage and alfalfa hay.
Apr., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 125 lbs. Ajax Flakes, 100 lbs. gluten; 2 lbs. beet pulp, ensilage and alfalfa hay.
May, 1916. 7.5 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each Ajax Flakes and gluten feed; 2 lbs. beet pulp, ensilage and alfalfa hay.

4431 Nellie's Carnation 42061

Sire Imp. Deanie's Sequel (14630) A. R.
Sire On Guernsey Deanie's Jewel (R. G. A. S. 1790 P. S.) A. R.
Dam On Guernsey Deanie XII. (R. G. A. S. 4699 P. S.).
Dam Imp. Nell II. des Islets (27178).
Sire On Guernsey Loyal II. of the Grée (R. G. A. S. 1689 P. S.) A. R.
Dam On Guernsey Nell des Islets (R. G. A. S. 2589 F. S.).
Breeder John Endicott, Detroit, Mich.
Owner Elliott-Brant Rancho, Owensmouth, Cal.
Born July 17, 1912. *Calved* Oct. 9, 1914. *Served* Apr. 29, 1915.
Requirement for admission: 260.10 lbs. butter fat.

Official year's record: 8474.40 lbs. milk; 417.36 lbs. butter fat.

(Record from Oct. 22, 1914 to Oct. 21, 1915.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	239.00 lbs.	3.74 %	8.94 lbs.
Nov.,	"	733.80 "	3.74 "	27.44 "
Dec.,	"	686.30 "	4.90 "	33.63 "
Jan.,	1915,	723.90 "	4.63 "	33.52 "
Feb.,	"	631.00 "	5.14 "	32.43 "
Mar.,	"	686.50 "	5.12 "	35.15 "
Apr.,	"	703.10 "	5.25 "	36.91 "
May,	"	716.80 "	5.09 "	36.49 "
June,	"	694.90 "	4.93 "	34.26 "
July,	"	769.50 "	4.53 "	34.86 "
Aug.,	"	741.70 "	4.90 "	36.34 "
Sept.,	"	686.20 "	5.71 "	39.18 "
Oct.,	"	461.70 "	6.11 "	28.21 "
Total		8474.40 lbs.	4.93 Av. %	417.36 lbs.

Feed

Oct., 1914. 11 lbs. grain daily of the following mixture: 5 lbs. each bran and ground barley, 1 lb. oil meal; alfalfa hay.
Nov., 1914. 7 lbs. grain daily of the following mixture: 3 lbs. each bran and ground barley, 1 lb. cottonseed meal; alfalfa hay.
Dec., 1914. 9 lbs. grain daily of the following mixture: 3 lbs. bran, 4 lbs. ground barley, 1 lb. each cottonseed meal and linseed meal; 2 lbs. beet pulp, 10 lbs. ensilage, alfalfa hay.
Jan., 1915. 8 lbs. grain daily of the following mixture: 3 lbs. bran, 4 lbs. ground barley, .5 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 3 lbs. bran, 4 lbs. ground barley, 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, alfalfa hay.
Mar., 1915. 8.5 lbs. grain daily of the following mixture: 4 lbs. bran, 3 lbs. ground barley, 1 lb. cottonseed meal, .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 4 lbs. each bran and ground barley, 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, alfalfa hay.
May, 1915. 10 lbs. grain daily of the following mixture: 160 lbs. each bran and ground barley, 80 lbs. Dairy meal, 20 lbs. cottonseed meal, 30 lbs. oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, green alfalfa.
June, 1915. 19.5 lbs. grain daily of the following mixture: 80 lbs. each bran and ground barley, 40 lbs. Dairy meal, 10 lbs. cottonseed meal, 15 lbs. oil meal; 11 lbs. beet pulp, alfalfa hay.
July, 1915. Same grain ration as given in June; 10 lbs. beet pulp, 30 lbs. stock beets, green alfalfa and hay.
Aug., 1915. 19 lbs. grain daily of the following mixture: 80 lbs. each bran and ground oats, 40 lbs. Dairy meal, 35 lbs. cottonseed meal; 11 lbs. beet pulp, 30 lbs. stock beets, green corn, green and dry alfalfa.
Sept., 1915. 14 lbs. grain daily of the following mixture: 80 lbs. each bran, ground barley, 25 lbs. cottonseed meal; 4 lbs. beet pulp, 30 lbs. stock beets, green alfalfa and hay.
Oct., 1915. 14 lbs. grain daily of the following mixture: 80 lbs. each bran and ground barley, 25 lbs. cottonseed meal; 4 lbs. beet pulp, 30 lbs. roots, green alfalfa and hay.

4432 **Princess Sequel 42062**

Sire Imp. Deanie's Sequel (14630) A. R.
Sire On Guernsey Deanie's Jewel (R. G. A. S. 1790 P. S.) A. R.
Dam On Guernsey Deanie XII. (R. G. A. S. 4699 P. S.).
Dam Imp. Queen des Islets (27177).
Sire On Guernsey Braye Boy (R. G. A. S. 1693 P. S.).
Dam On Guernsey Old Blunderbuss (R. G. A. S. 2797 F. S.).
Breeder John Endicott, Detroit, Mich.
Owner Elliott-Brant Rancho, Owensmouth, Cal.
Born Sept. 15, 1912. *Calved* Sept. 24, 1914. *Served* May 10, 1915.
Requirement for admission: 253.40 lbs. butter fat.

Official year's record: 8487.10 lbs. milk; 371.91 lbs. butter fat.

(Record from Oct. 15, 1914 to Oct. 14, 1915.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	400.60 lbs.	3.50 %	14.02 lbs.
Nov.,	"	691.60 "	3.50 "	24.21 "
Dec.,	"	704.30 "	4.15 "	29.23 "
Jan.,	1915,	725.80 "	4.73 "	34.33 "
Feb.,	"	665.20 "	4.83 "	32.13 "
Mar.,	"	709.00 "	4.56 "	32.33 "
Apr.,	"	684.90 "	4.50 "	30.82 "
May,	"	730.00 "	4.40 "	32.12 "
June,	"	716.00 "	4.07 "	29.14 "
July,	"	785.30 "	4.23 "	33.22 "
Aug.,	"	699.40 "	4.68 "	32.73 "
Sept.,	"	659.80 "	4.74 "	31.27 "
Oct.,	"	315.20 "	5.19 "	16.36 "
Total		8487.10 lbs.	4.38 Av. %	371.91 lbs.

Feed

Oct., 1914. 6 lbs. grain daily of the following mixture: 2 lbs. bran, 3 lbs. ground barley, 1 lb. cottonseed meal; alfalfa hay.
Nov., 1914. Same ration as given in October.
Dec., 1914. 7 lbs. grain daily of the following mixture: 1 lb. each bran, cottonseed meal, and oil meal, 4 lbs. ground barley; 2 lbs. beet pulp, 10 lbs. ensilage, and alfalfa hay.
Jan., 1915. 8 lbs. grain daily of the following mixture: 3 lbs. bran, 4 lbs. ground barley, .5 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 3 lbs. bran, 4 lbs. ground barley, 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, and alfalfa hay.
Mar., 1915. 8.5 lbs. grain daily of the following mixture: 4 lbs. bran, 3 lbs. ground barley, 1 lb. cottonseed meal, .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, and hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 4 lbs. each bran and ground barley, 1 lb. each cottonseed meal and oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, and green alfalfa.
May, 1915. 10 lbs. grain daily of the following mixture: 160 lbs. each bran and ground barley, 80 lbs. Dairy meal, 20 lbs. cottonseed meal, 30 lbs. linseed oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, and green alfalfa.
June, 1915. 19.5 lbs. grain daily same mixture as given in May; 11 lbs. beet pulp, and alfalfa hay.
July, 1915. 18.5 lbs. grain daily of the following mixture: 80 lbs. each bran and ground barley, 40 lbs. Dairy meal, 10 lbs. cottonseed meal, 15 lbs. linseed oil meal; 11 lbs. beet pulp, 30 lbs. stock beets, green alfalfa, and hay.
Aug., 1915. 18 lbs. grain daily of the following mixture: 80 lbs. each bran and ground barley, 40 lbs. Dairy meal, 35 lbs. cottonseed meal; 10 lbs. beet pulp, 30 lbs. stock beets, green corn and alfalfa with hay.
Sept., 1915. 12 lbs. grain daily of the following mixture: 80 lbs. each bran and ground barley, 25 lbs. cottonseed meal; 4 lbs. beet pulp, 30 lbs. stock beets, green alfalfa and hay.
Oct., 1915. Same ration as given in September.

4433 **Imp. Aldane of St. Croix 54100**

Sire On Alderney Duke of the Rochers (R. A. A. S. 94 a P. S.) A. R.
Sire On Alderney Nelson II. (R. A. A. S. 52 P. S.) A. R.
Dam On Alderney Beauty of the Rochers (R. A. A. S. 521 F. S.).
Dam On Alderney Rosie of the Fountain (R. A. A. S. 579 F. S.).
Sire On Alderney Billy of the Val (R. A. A. S. 56 F. S.).
Dam On Alderney.
Breeder M. Pouteaux, Island of Alderney.
Owner Lloyd Rundell, Roberts, Wis.
Born Feb. 5, 1912. *Calved* Dec. 25, 1914. *Served* June 1, 1915.
Requirement for admission: 283.60 lbs. butter fat.

Official year's record: 6857.80 lbs. milk; 352.27 lbs. butter fat.

(Record from Jan. 3, 1915 to Jan. 2, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	641.50 lbs.	3.90 %	25.02 "
Feb.,	"	611.50 "	4.52 "	27.64 "
Mar.,	"	668.10 "	4.82 "	32.20 "
Apr.,	"	608.40 "	6.32 "	38.45 "
May,	"	626.20 "	5.33 "	33.38 "
June,	"	654.30 "	5.04 "	32.98 "
July,	"	649.60 "	4.74 "	30.79 "
Aug.,	"	575.80 "	5.84 "	33.63 "
Sept.,	"	545.30 "	4.95 "	26.99 "
Oct.,	"	498.00 "	5.20 "	25.90 "
Nov.,	"	401.60 "	5.78 "	23.21 "
Dec.,	"	353.90 "	5.85 "	20.70 "
Jan.,	1916,	23.60 "	5.85 "	1.38 "
Total		6857.80 lbs.	5.14 Av. %	352.27 lbs.

Feed

Jan., 1915. 12 lbs. grain daily of the following mixture: 800 lbs. each bran and International Dairy Feed, 300 lbs. each ground oats and ground barley, 200 lbs. oil meal; ensilage and hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. Same ration as given in January.
Apr., 1915. Same ration as given in January.
May, 1915. Same ration as given in January to the 20th, then 6 lbs. grain daily with pasture.
June, 1915. Pasture.
July, 1915. 7 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each corn meal and oil meal; pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 11 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and oil meal, 200 lbs. ground oats, 70 lbs. ground barley; ensilage, clover hay, and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.
Jan., 1916. Same ration as given in October.

4434 **Imp. Alethea of St. Croix 54112**

Sire Imp. Raymond's Pearl King (24301).
Sire Imp. Raymond of the Préel IV. (19235) A. R.
Dam On Guernsey Princess May of the Hunguets IV. (R. G. A. S. 7574 P. S.).
Dam On Guernsey Daisy of Les Pages (R. G. A. S. 4675 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder Martin Bros., Island of Guernsey.
Owner Lloyd Rundell, Roberts, Wis.
Born Sept. 16, 1912. *Calved* Dec. 29, 1914. *Served* June 5, 1915.
Requirement for admission: 261.40 lbs. butter fat.

Official year's record: 5896.20 lbs. milk; 326.68 lbs. butter fat.

(Record from Jan. 4, 1915 to Jan. 3, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	493.80 lbs.	4.70 %	23.21 lbs.
Feb.,	"	495.40 "	5.07 "	25.12 "
Mar.,	"	565.70 "	4.86 "	27.49 "
Apr.,	"	566.10 "	4.65 "	26.32 "
May,	"	568.50 "	5.46 "	31.04 "
June,	"	527.20 "	5.65 "	29.79 "
July,	"	546.30 "	4.75 "	25.95 "
Aug.,	"	500.10 "	5.72 "	28.61 "
Sept.,	"	469.50 "	6.03 "	28.31 "
Oct.,	"	403.00 "	6.20 "	24.99 "
Nov.,	"	337.60 "	6.92 "	23.36 "
Dec.,	"	381.20 "	7.68 "	29.28 "
Jan.,	1916,	41.80 "	7.68 "	3.21 "
Total		5896.20 lbs.	5.54 Av. %	326.68 lbs.

Feed

Jan., 1915. 10 lbs. grain daily of the following mixture: 800 lbs. each bran and International Sugar Feed, 300 lbs. each ground oats and ground barley, 200 lbs. oil meal; ensilage and clover hay.
Feb., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. bran, 500 lbs. ground oats and barley, 100 lbs. each International Sugar Feed and oil meal; 14 lbs. corn ensilage, clover hay.
Mar., 1915. Same ration as given in January.
Apr., 1915. Same ration as given in January.
May, 1915. Same ration as given in January to the 20th, then 4.5 lbs. grain daily with pasture.
June, 1915. Pasture.
July, 1915. 6 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each corn meal and oil meal; pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and oil meal, 200 lbs. ground oats, 70 lbs. ground barley; ensilage, clover hay, and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.
Jan., 1916. 8 lbs. grain daily of the following mixture: 600 lbs. each bran and ground oats, 150 lbs. corn meal, 100 lbs. each Ajax Flakes, Lactola Dairy Feed, and Unicorn Dairy Ration; ensilage and clover hay.

4435 **Imp. Barbara of St. Croix 54103**

Sire Imp. Prince of Sarnia (22000) A. R.
Sire On Alderney Masher (R. A. A. S. 63 F. S.) A. R.
Dam Imp. Queen of Anna Dean Farm (47585).
Dam On Alderney Lil of Petit Val (R. A. A. S. 600 F. S.).
Sire On Alderney.
Dam On Alderney.
Breeder J. P. Gallichan, Island of Alderney.
Owner Lloyd Rundell, Roberts, Wis.
Born Oct. 16, 1912. *Calved* Feb. 10, 1915. *Served* Sept. 3, 1915.
Requirement for admission: 262.70 lbs. butter fat.

Official year's record: 7894.10 lbs. milk; 359.56 lbs. butter fat.

(Record from Feb. 16, 1915 to Feb. 15, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Feb.,	1915,	347.80 lbs.	4.24 %	14.75 lbs.
Mar.,	"	853.40 "	4.19 "	35.76 "
Apr.,	"	882.30 "	3.74 "	33.00 "
May,	"	927.30 "	3.85 "	35.70 "
June,	"	670.00 "	5.00 "	33.50 "
July,	"	660.40 "	4.83 "	31.90 "
Aug.,	"	688.70 "	4.98 "	34.30 "
Sept.,	"	619.80 "	4.45 "	27.58 "
Oct.,	"	570.20 "	4.53 "	25.83 "
Nov.,	"	503.50 "	4.83 "	24.32 "
Dec.,	"	496.90 "	5.23 "	25.99 "
Jan.,	1916,	470.60 "	5.61 "	26.40 "
Feb.,	"	203.20 "	5.18 "	10.53 "
Total		7894.10 lbs.	4.55 Av. %	359.56 lbs.

Feed

Feb., 1915. 8 lbs. grain daily of the following mixture: 800 lbs. each bran and International Dairy Feed, 300 lbs. each ground oats and ground barley, 200 lbs. oil meal; ensilage and hay.
Mar., 1915. Same ration as given in February.
Apr., 1915. Same ration as given in February.
May, 1915. Same ration as given in February to the 20th, then 4 lbs. grain daily with pasture.
June, 1915. Pasture.
July, 1915. 8 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each corn meal and oil meal; pasture.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and oil meal, 200 lbs. ground oats, 70 lbs. ground barley; ensilage, clover hay, and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.
Jan., 1916. 9 lbs. grain daily of the following mixture: 600 lbs. each bran and ground oats, 150 lbs. corn meal, 100 lbs. each Ajax Flakes, Lactola Dairy Feed, and Unicorn Dairy Ration; ensilage and clover hay.
Feb., 1916. Same ration as given in January.

4436 **Rosel T. 17959**

Sire Fresco (7207) A. R.
Sire Espartero (4665).
Dam Foam (8845).
Dam Ottonie (12240).
Sire Duke of Daisydale (6172) A. R.
Dam Thelma (9750).
Breeder E. W. Tillotson, Farmington, Conn.
Owner Mary M. Vaux, Bryn Mawr, Pa.
Born Apr. 22, 1904. *Calved* Aug. 29, 1912. *Served* Mar. 20, 1913.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8465.80 lbs. milk; 418.74 lbs. butter fat.

(Record from Sept. 5, 1912 to Sept. 4, 1913.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1912,	724.90 lbs.	4.52 %	32.77 lbs.
Oct.,	"	909.20 "	4.47 "	40.64 "
Nov.,	"	883.20 "	4.66 "	41.16 "
Dec.,	"	793.90 "	5.00 "	39.70 "
Jan.,	1913,	759.60 "	4.78 "	36.31 "
Feb.,	"	639.50 "	4.94 "	31.59 "
Mar.,	"	681.10 "	4.87 "	33.17 "
Apr.,	"	695.10 "	4.91 "	34.13 "
May,	"	698.10 "	5.19 "	36.23 "
June,	"	599.10 "	5.60 "	33.55 "
July,	"	561.30 "	5.32 "	29.86 "
Aug.,	"	470.30 "	5.69 "	26.76 "
Sept.,	"	50.50 "	5.69 "	2.87 "
Total		8465.80 lbs.	4.95 Av. %	418.74 lbs.

Feed

Sept., 1912. 7 lbs. Union Grains daily; green alfalfa with pasture.
Oct., 1912. Same ration as given in September.
Nov., 1912. 8.4 lbs. Union Grains daily; 20 lbs. ensilage, 10 lbs. alfalfa and oat hay.
Dec., 1912. Same ration as given in November.
Jan., 1913. Same ration as given in November.
Feb., 1913. Same ration as given in November.
Mar., 1913. Same ration as given in November.
Apr., 1913. Same ration as given in November with mixed hay instead of alfalfa.
May, 1913. 6.4 lbs. Union Grains daily; 20 lbs. ensilage with pasture.
June, 1913. 5.7 lbs. Union Grains daily; 2 lbs. beet pulp, 15 lbs. ensilage, cut green alfalfa with pasture.
July, 1913. 4 to 6 lbs. Union Grains daily; 2 lbs. beet pulp, 18 lbs. ensilage, green alfalfa with pasture.
Aug., 1913. 3 to 4 lbs. Union Grains daily; 1 lb. beet pulp, 10 lbs. ensilage, green alfalfa with pasture.
Sept., 1913. Same ration as given in August.

4437 **Lily Ann of Applecot 34763**

Sire Shyster (11067).
Sire Loyal of Northbrook (4467).
Dam Shy (8354) A. R. 292.
Dam Gratitude of Applecot (24230).
Sire Blucher of Applecot (9354).
Dam Lone Sister (19111).
Breeder R. A. Borden, Schaghticoke, N. Y.
Owner John S. Petteys, Greenwich, N. Y.
Born Jan. 28, 1911. *Calved* Nov. 29, 1914. *Served* May 3, 1915.
Requirement for admission: 318.20 lbs. butter fat.

Official year's record: 9042.50 lbs. milk; 416.72 lbs. butter fat.

(Record from Dec. 7, 1914 to Dec. 6, 1915.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	984.20 lbs.	4.02 %	39.56 lbs.
Jan.,	1915,	1237.50 "	4.24 "	52.47 "
Feb.,	"	1002.00 "	4.43 "	44.39 "
Mar.,	"	1062.90 "	4.57 "	48.57 "
Apr.,	"	915.00 "	4.47 "	40.90 "
May,	"	927.30 "	4.87 "	45.16 "
June,	"	795.10 "	3.67 "	29.18 "
July,	"	667.90 "	5.35 "	35.73 "
Aug.,	"	597.20 "	5.11 "	30.52 "
Sept.,	"	410.50 "	5.93 "	24.34 "
Oct.,	"	251.00 "	5.69 "	14.28 "
Nov.,	"	170.40 "	5.96 "	10.16 "
Dec.,	"	21.50 "	6.80 "	1.46 "
Total		9042.50 lbs.	4.61 Av. %	416.72 lbs.

Feed

Dec., 1914. 13 lbs. grain daily of the following mixture: 200 lbs. corn and cob meal, 100 lbs. each oat and pea meal, Blue Ribbon Feed, and cottonseed meal, 125 lbs. Ajax Flakes, 50 lbs. oil meal; corn fodder and hay.
Jan., 1915. 13 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 200 lbs. corn and cob meal, 125 lbs. Ajax Flakes, 50 lbs. oil meal; corn fodder, 8 lbs. alfalfa hay.
Feb., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and (oat and pea) meal, 400 lbs. corn and cob meal, 125 lbs. Ajax Flakes, 100 lbs. each gluten, cottonseed meal, and oil meal; 5 lbs. beet pulp, 8 lbs. alfalfa hay, corn stalks and timothy hay.
Mar., 1915. 12 lbs. grain daily of the following mixture: 150 lbs. bran, 300 lbs. corn and cob meal, 200 lbs. oat and pea meal, 100 lbs. each Ajax Flakes and cottonseed meal, 50 lbs. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 5 lbs. alfalfa hay to the 10th, corn fodder and timothy hay.
Apr., 1915. Same ration as given in March.
May, 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, ground corn and oats, Ajax Flakes, and cottonseed meal; green feed and pasture.
June, 1915. 9 lbs. grain daily of the following mixture: 200 lbs. ground corn and oats, 125 lbs. Ajax Flakes; green rye and pasture.
July, 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and cottonseed meal; green feed and pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and cottonseed meal; green feed and pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 5 lbs. grain daily of the following mixture: 100 lbs. each bran, oat and pea meal, Ajax Flakes, and cottonseed meal, 200 lbs. corn and cob meal; ensilage, corn fodder, hay, and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.

4438 **Fanny's Sequel's Buttercup 42461**

Sire Imp. Fanny's Sequel (19563) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Masher's Fanny (R. G. A. S. 5070 P. S.).
Dam Sprightly Alice (14723).
Sire Loyal of Northbrook (4467).
Dam Alice of Broadview (6962) A. R. 394.
Breeder F. B. Buckley, Schaghticoke, N. Y.
Owner Westtown School, Westtown, Pa.
Born June 16, 1912. *Calved* Feb. 22, 1915.
Requirement for admission: 276.20 lbs. butter fat.

Official year's record: 6027.60 lbs. milk; 292.70 lbs. butter fat.

Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	718.50 lbs.	4.91 %	35.28 lbs.
Apr.,	"	708.70 "	4.46 "	31.61 "
May,	"	657.30 "	4.58 "	30.10 "
June,	"	588.90 "	4.36 "	25.68 "
July,	"	584.00 "	4.15 "	24.24 "
Aug.,	"	523.90 "	4.56 "	23.89 "
Sept.,	"	437.60 "	5.06 "	22.14 "
Oct.,	"	462.60 "	4.46 "	20.63 "
Nov.,	"	402.40 "	5.50 "	22.13 "
Dec.,	"	362.90 "	5.60 "	20.32 "
Jan.,	1916,	322.30 "	6.29 "	20.27 "
Feb.,	"	258.50 "	6.35 "	16.41 "
Total		6027.60 lbs.	4.86 Av. %	292.70 lbs.

Feed

Mar., 1915. 6 lbs. bran daily to the 7th, 6 lbs. daily from 8th to 14th of 3 lbs. bran and 3 lbs. of the following mixture: 700 lbs. corn and cob meal, 300 lbs. each Homcoline and molasses feed, 200 lbs. gluten, 400 lbs. cottonseed meal, 100 lbs. linseed meal; 6 lbs. same mixture from 15th to 24th, then 8 lbs. daily; 3 lbs. beet pulp, 30 lbs. ensilage, 5 lbs. alfalfa hay.
Apr., 1915. Same ration as given last of March.
May, 1915. Same grain ration as given last of March; ensilage from 15th to 31st, pasture.
June, 1915. Same ration as given last of May.
July, 1915. 8 lbs. grain daily of the following mixture: 500 lbs. each gluten and cottonseed meal, 1600 lbs. Homcoline, 1800 lbs. Clover Leaf Dairy Feed, 200 lbs. oil meal, 400 lbs. beet pulp; 3 lbs. wet beet pulp, 15 lbs. ensilage, pasture.
Aug., 1915. 3.5 lbs. grain daily same mixture as given in July; 15 lbs. ensilage, 3 hours pasture.
Sept., 1915. 3.5 lbs. grain daily of the following mixture: 600 lbs. bran, 1500 lbs. Homcoline, 1200 lbs. Clover Leaf Dairy Feed, 500 lbs. each gluten and cottonseed meal, 300 lbs. oil meal, 400 lbs. beet pulp; 15 lbs. ensilage to the 16th, 30 lbs. from 17th to 30th, pasture to the 17th then alfalfa hay.
Oct., 1915. 3.25 lbs. grain daily same mixture as given in September; 30 lbs. ensilage, alfalfa hay.
Nov., 1915. 7 lbs. grain daily of the following mixture: 500 lbs. each bran, gluten, and beet pulp, 1400 lbs. Clover Leaf Dairy Feed, 1500 lbs. Homcoline, 400 lbs. cottonseed meal, 200 lbs. oil meal; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Dec., 1915. 5 lbs. grain daily same mixture as given in November; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.

4439 **Ann Veronica 32244**

Sire Imp. Masher's Sequel (11462) A. R.
Sire Imp. France's Masher 2d (7248) A. R.
Dam Imp. Lena from the Isle (14015).
Dam Annieanlouise (12130) A. R. 857.
Sire Best Bower (4715) A. R.
Dam Lady Rotha 2d (9960).
Breeder Robert & Herbert Scoville, Taconic, Conn.
Owner Robert & Herbert Scoville, Taconic, Conn.
Born Nov. 16, 1909. *Calved* May 1, 1915. *Served* Jan. 25, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 13160.40 lbs. milk; 550.64 lbs. butter fat.

(Record from May 6, 1915 to May 5, 1916.)
Supervised by Storrs Agricultural Experiment Station, Storrs, Conn.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	1090.80 lbs.	3.72 %	40.58 lbs.
June,	"	1303.40 "	4.01 "	52.27 "
July,	"	1267.40 "	3.85 "	48.79 "
Aug.,	"	1208.50 "	3.97 "	47.98 "
Sept.,	"	1105.60 "	4.17 "	46.10 "
Oct.,	"	1159.40 "	4.16 "	48.23 "
Nov.,	"	1099.90 "	4.11 "	45.21 "
Dec.,	"	1057.70 "	4.31 "	45.59 "
Jan.,	1916,	1038.20 "	4.54 "	47.13 "
Feb.,	"	930.50 "	4.39 "	40.85 "
Mar.,	"	937.40 "	4.68 "	43.87 "
Apr.,	"	831.50 "	4.58 "	38.08 "
May,	"	130.10 "	4.58 "	5.96 "
Total		13160.40 lbs.	4.18 Av. %	550.64 lbs.

Feed

May, 1915. 12 lbs. grain daily of the following mixture: 1.92 lbs. each bran, hominy, Unicorn Dairy Ration, and oil meal, .96 lb. each corn meal and ground oats, 2.4 lbs. Ajax Flakes; 15 lbs. beet pulp, 10 lbs. ensilage, hay.
June, 1915. 12.03 lbs. grain daily of the following mixture: 1.57 lbs. each bran, hominy, gluten, and oil meal, 3.14 lbs. Ajax Flakes, 2.61 lbs. Unicorn Dairy Ration; 10 lbs. beet pulp, 12 lbs. ensilage, hay.
July, 1915. Same ration as given in June.
Aug., 1915. 11.99 lbs. grain daily of the following mixture: 1.71 lbs. each bran, hominy, and oil meal, 2.86 lbs. each Ajax Flakes and Unicorn Dairy Ration, 1.14 lbs. gluten; 10 lbs. each beet pulp and ensilage, hay.
Sept., 1915. 12 lbs. grain daily of the following mixture: 2.29 lbs. bran, 1.71 lbs. each hominy and gluten, 2.86 lbs. each Ajax Flakes and Unicorn Dairy Ration, .57 lb. oil meal; 15 lbs. beet pulp, 25 lbs. ensilage, hay.
Oct., 1915. 14.01 lbs. grain daily of the following mixture: 2.33 lbs. bran, .88 lb. each corn meal and ground oats, 1.75 lbs. each hominy and gluten, 2.92 lbs. each Ajax Flakes and Unicorn Dairy Ration, .58 lb. oil meal; 12 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. hay.
Nov., 1915. 13.6 lbs. grain daily of the following mixture: 2.43 lbs. bran, .72 lb. corn meal, 1.83 lbs. each hominy and gluten, .71 lb. ground oats, 3.04 lbs. each Ajax Flakes and Unicorn Dairy Ration; 12 lbs. each beet pulp and hay, 10 lbs. roots, 15 lbs. ensilage.
Dec., 1915. 13.42 lbs. grain daily of the following mixture: 2.33 lbs. bran, .87 lb. corn meal, 1.75 lbs. each hominy and gluten, .88 lb. ground oats, 2.92 lbs. each Ajax Flakes and Unicorn Dairy Ration; 12 lbs. each beet pulp and hay, 10 lbs. roots, 15 lbs. ensilage.
Jan., 1916. 12 lbs. grain daily of the following mixture: 2 lbs. bran, .75 lb. each corn meal and ground oats, 1.5 lbs. each hominy and gluten, 2.5 lbs. each Ajax Flakes and Unicorn Dairy Ration, .5 lb. oil meal; 12 lbs. beet pulp, 10 lbs. each roots and mixed hay, 15 lbs. ensilage.
Feb., 1916. Same ration as given in January.
Mar., 1916. Same ration as given in January.
Apr., 1916. Same grain ration as given in January; 12 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. hay.
May, 1916. Same ration as given in April.

4440 **Imp. Lisle of Linwood 48099**

Sire On Guernsey Royal Golden Hero II. (R. G. A. S. 2763 P. S.).
Sire Imp. Royal Golden Hero (16905) A. R.
Dam On Guernsey Antoinette's Queen's Prize VIII. (R. G. A. S. 5433 P. S.).
Dam On Guernsey Lisle's Mousette (R. G. A. S. 8066 P. S.).
Sire On Guernsey Golden Noble II. (R. G. A. S. 1836 P. S.) A. R.
Dam On Guernsey Mousette IV. of the Douit (R. G. A. S. 5910 P. S.).
Breeder John M. de Lisle, Island of Guernsey.
Owner Homer F. Rundell, Livingston, Wis.
Born Mar. 24, 1913. *Calved* Apr. 11, 1915. *Served* Sept. 29, 1915.
Requirement for admission: 252.90 lbs. butter fat.

Official year's record: 8197.20 lbs. milk; 363.56 lbs. butter fat.

(Record from Apr. 18, 1915 to Apr. 17, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	363.20 lbs.	4.46 %	16.20 lbs.
May,	"	802.10 "	4.80 "	38.50 "
June,	"	897.30 "	4.14 "	37.15 "
July,	"	917.80 "	4.30 "	39.47 "
Aug.,	"	788.90 "	4.21 "	33.21 "
Sept.,	"	618.00 "	4.40 "	27.19 "
Oct.,	"	671.70 "	4.50 "	30.23 "
Nov.,	"	604.50 "	4.28 "	25.87 "
Dec.,	"	634.40 "	4.47 "	28.36 "
Jan.,	1916,	587.30 "	4.15 "	24.37 "
Feb.,	"	534.60 "	4.53 "	24.22 "
Mar.,	"	514.40 "	4.99 "	25.67 "
Apr.,	"	263.00 "	4.99 "	13.12 "
Total		8197.20 lbs.	4.44 Av. %	363.56 lbs.

Feed

Apr., 1915. 7 lbs. grain daily, 3 lbs. of the following mixture with 4 lbs. bran added: 1 part corn meal, 2 parts each Ajax Flakes and gluten; 20 lbs. ensilage, 8 lbs. hay, and pasture.
May, 1915. Same ration as given in April.
June, 1915. Same ration as given in April.
July, 1915. Same ration as given in April.
Aug., 1915. Same ration as given in April.
Sept., 1915. 5 lbs. grain daily of equal parts bran, ground oats, and ground barley; 5 lbs. clover hay with pasture.
Oct., 1915. 7 lbs. grain daily of the following mixture: 1 part each bran, ground barley, and ground oats; 8 lbs. ensilage, 5 lbs. clover hay with pasture.
Nov., 1915. 5 lbs. grain daily of the following mixture: 1 part each bran, ground oats, and ground barley, .33 part gluten meal; 18 lbs. ensilage, 16 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.
Feb., 1916. 9.5 lbs. grain daily, 6 lbs. of the following mixture with 2 lbs. Ajax Flakes, .5 lb. oil meal, and 1 lb. molasses added: 1 part each bran, ground oats, and ground barley, .5 part gluten feed; 18 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.

Transfers of Guernsey Cattle From August 1 to August 14, 1916.

Abe Weshpi 25856—James J. Golden to August Youngberg, Turtle Lake, Wis.
Adam of Fernside 39195—G. E. Foster to Charles H. Fuller, Norridgewock, Me.
Amabel's Eugene 38828—Charles H. Arthur to E. M. Lapham, Peru, N. Y.
Aristocrat of Harriton 34385—M. M. Vaux to F. H. Douhay, College Park, Md.
Attoonik's Blizzard 39205—J. D. Lidell to Harley Fosgate, Smithville Flats, N. Y.
Attoonik's Blizzard 39205—Harley Fosgate to F. H. Selriek, Owego, N. Y.
Bell Buoy's Masher of City View 36335—Hammer Brothers to William Strauss, Spring Valley, Wis.
Blenheim Cocot 39135 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Bluffer Glenwood of Hill Side 39273—S. P. Johnson & Son to Wm. T. Bromley, Vernon, N. Y.
Bonny Boy of Green Valley 38567—W. H. Nye to George B. Brown, Waterville, Vermont.
Brittonius 39206—John T. Pritchard to Herman Zuleger, Medford, Wis.
Buttercup's Ferndane of Palmhurst 39284—E. R. Frey to J. W. Henderson, Berkeley, Calif.
Caesar of Brock Hill 38265—M. L. Brock to John M. Brigham, Newport, Vermont.
Caribou Rex 39280—George C. Stone to G. G. Hartley, Duluth, Minn.
Carl of Morven Park 39241—Miss Willie Lee Inman to The New Windsor Guernsey Breeders' Co., New Windsor, Md.
Carlton's Victory of Maplewood 28480—C. W. Gardner to Geo. Lydick, Cass Lake, Minn.
Carwytham Grace's Hornet 39270—W. S. Newman to Vesper Rodgers, Jefferson, Ohio.
Cassio of Oakhart 37861—M. B. Hart to Louis A. Yaeger, Good Thunder, Minn.
Champion of Green Valley 39159—W. H. Nye to Erwin Holmes, Jeffersonville, Vt.
Charmante's Governor 24810 (Imp.)—Duckett Bros. to B. C. Colvin, Glen View, Illinois.
Chief Neopit 2d 36246—Alberto Hanko to John M. Phillips, Sandusky, Wis.
Chivolet A. of Spriggs Paradise 39189—J. Forney Young to Isaac Baer, Hagerstown, Maryland.
Christopher Bates of Avonlea 39169—W. R. Nesbit to M. T. Young, Turtle Creek, Pa.
Christy of Pinehurst 34th 34096—Harry Jewett to Fred Olson, Barron, Wis.
Cicero Raymond 34301—A. W. & F. E. Fox to Appanoose County Farm, Centerville, Iowa.
College Boy of Haddon 26857—New Jersey Agricultural College to H. K. Wright, Pittstown, N. J., and Elmer Niece, Frenchtown, N. J.
Countess Cora's Squire 34111—Albert C. Loring to A. M. Sisler, Grand Rapids, Minn.
Count Keller of Evergreen 39261—Amos A. Slack to Robert C. Leek, Oxford, Pa.
Countryman's Jaffrey's Boy 36390—E. W. Spencer to P. Terp, East Hampton, Conn.
Dairymaid's Nonpareil of Iowa 26763—W. W. Marsh to Walter H. Dupee, Santee, Calif.
Daisy Belle's Goldseeker of A. D. F. 36625—O. C. Barber to Alfred Anderson, Holton, Mich.
Dandy Piro 39172—Thomas A. Morrisey to David Flynn, Eagle Bridge, N. Y.
Dean of Hazel Hill 39221—Emerson Barnes to C. C. Brown, Killbuck, Ohio.
Dewey's Bright Star of Shadyside Farm 31297—William P. Ely to George Sommers, Landisville, Pa.
Diana's Chieftain of Valley View Farm 36188—F. B. & R. M. Van Houten to A. W. Kunkle, Montrose, Pa.
Dictator of Sunnyside 37525—John J. Hart to Charles Hornburg, Ira, N. Y.
Dictator of Sunnyside 37525—Charles Hornburg to Theo. E. Strohmenger, Port Byron, N. Y.
Duke of New Windsor 39240—Miss Willie Lee Inman to William Hesson, New Windsor, Maryland.
Earl of Rose Mound 37559—Ferd Groner to A. B. Flint, Beaverton, Oregon.
Elita's Elmo of Oakdale 36423—R. A. Wilkinson to Aaron Carlson, New Brighton, Minn.
Frances Folsom's Chief 38557—Harry Leppla to Leo Hegner, Appleton, Wis.
Francis of Roanoke 39223—Westmoreland Davis to A. E. Perry, Raonoke, Va.
France's Sequel of Russellhurst 39275—George C. Russell to Jesse Leichty & Son, Clay City, Indiana.
Frank Joseph 37333—Est. A. O. Hole to Edgewater Stock Farm, Fort Atkinson, Wis.
Frank Rose of Meadow Brook 39234—William F. Fretz to William Frankenfield, Ottsville, Pa.
Frederick of West Prairie 34388—C. Christensen to Carl Wrobel, Viroqua, Wis.
Gay Lad of St. Croix 31392—Lloyd Rundell to Henry Hanson, Spring Valley, Wis.
Glen Gable Glim 37843—William F. Gable to Harvey Emery, Chester Springs, Pa.
Glenhevan 37348—Palmer Romaine Bowdish to George O. Spooner, Madison, N. Y.
Glen Jewel's Prince 38135—Joseph Waugh to J. B. Edsall, Pine City, N. Y.
Glenwood's Windflower Marshall 39251—E. W. Oglebay to Ed. M. Smith, Jr., Wellsburg, W. Va.
Governor's Maid's Squire 36672—Albert C. Loring to J. W. Tescher, Bainbridge, N. Y.
Grace's Croesus 34779—W. W. Marsh to John Mauris, Sherburn, Minn.
Grasslands Hamlet 39163—Robert & Herbert Scoville to William B. Rand, Salisbury, Conn.
Green Meadow Duke 27687—Palmer Romaine Bowdish to George O. Spooner, Madison, N. Y.
Harry Woodburn 39245—A. J. Snyder to R. A. Patrick, White Oak, S. C.
Holden of Iowa 22760—Thomas B. Barry to Alfred I. Stubbs, West Salem, Wis.
Holden of Iowa 22760—Alfred I. Stubbs to K. O. Gaarder, Holmen, Wis.
Holden's Panama Lad 32045—Alfred I. Stubbs to Door County Guernsey Club, Sturgeon Bay, Wis.
Indiana Boy of Oak Ridge 37952—J. H. Becker to John L. Hopkins, Shelbyville, Ky.
Jacob of the Greenwood Farm 39214—Moses Greenwood to J. B. Stevens, J. S. Schafer & Co., Forestville, Wis.
Janette's Luetta's Standard 26740—Est. B. W. Crossley to McCoid & Smith, Logan, Iowa.
Jerry Valentine 21461—Edward Young to Alfred I. Stubbs, West Salem, Wis.
Jerry Valentine 21461—Alfred I. Stubbs to John Gullutson, Holmen, Wis.
Jesse James of River Ravine Farm 38605—Otto Rogne to George Lemke, Kaukauna, Wis.
Jestingo Lyons 2d 32750—Bert Blacksten & A. H. Flanegan to Albert H. Flanegan, Bloomingdale, Mich.
Jewel of Sunnyside 24684—George Meese to Fred Ihlow, Nerstrand, Minn.
John Fancy of Edgewater 39211—F. G. Benham to William H. Gratwick, Buffalo, N. Y.
Joker's Combination 39253—S. A. Merriman to J. V. Kelly, Mason, Wis.
Jolly Billy 33790—Harvey Chrysler to Edd Orlikowski, Augusta, Wis.
Julia Ann's Knight 33567—William D. Williams to David L. Williams, Waukesha, Wis.
Ketchum's King Marshall 39215—Winslow Fuller to Lee A. Ketchum, Madison, Maine.
King Dawn 36671—Albert C. Loring to H. G. Miller, Sheyenne, No. Dak.
King Emil of Ulao 26056—H. C. McCamon to P. M. Crawford, Columbian, Ohio.
King Gilbert 39269—W. A. Sutherland to Daniel Rickard, Long Eddy, N. Y.
King Klukko 37558—Ferd Groner to F. Muhly, Cornelius, Oregon.
King McQueen 34123—Albert C. Loring to Jonas Norman, Princeton, Minn.
King of Green Valley 38568—W. H. Nye to H. W. Craft, Fairfax, Vt.
King of Holcomb Rock 39171—C. T. Rice to J. T. Shelton, Holcomb Rock, Va.
King of Morven Park 39243—Westmoreland Davis to The New Windsor Guernsey Breeders' Co., New Windsor, Md.
Kirk's Prince Henry 20129—J. H. Kirkpatrick to George H. Peck, Jr., Schuylerville, N. Y.
Kirk's Prince Henry 20129—George H. Peck, Jr. to Charles H. Anthony, Greenwich, N. Y.
Kirk's Prince Henry 20129—Charles H. Anthony to John S. Petteys, Greenwich, N. Y.
Kirk's Prince Henry 20129—John S. Petteys to Archie Alexander, Cossayuna, N. Y.
Lad of Musterfield 37203—Lewis N. Oaks to William Arthur Gallup, North Adams, Mass.
Langwater El Dorado 39136—F. L. Ames to John Dupee, Coronado, Calif.
Langwater Golden Secret 5th 38528—M. T. Phillips to Richard L. Fox, Downingtown, Pa.
Langwater Golden Secret 6th 38529—M. T. Phillips to M. D. Rhodes, Broadway, Va.
Langwater Planet 31326—F. L. Ames to Charles H. Jones, Wellesley Farms, Mass.
Langwater Princeling 14906—Rundell Bros. to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Langwater Raider 39137—F. L. Ames to R. V. Lindabury, Bernardsville, N. J.
Laudholm Royal Star 39256—Charles E. Lord to Hobbs Storer, Wells, Maine.
L'Etiennerie Leader of Oakwood Farm 39225—Westmoreland Davis to Oakwood Farm, Covesville, Va.
Little Masher of Farmington 36462—L. C. McClintock to Adolph Jostad, Mindoro, Wis.
Lord Wellington of Ellerslie 37818—G. M. Wallace to D. W. Coakley, Hemp, Va.
Maesmawr's Lad 36453—William D. Williams to Alvin M. Gauthier, Pewaukee, Wis.
Major Cook 39272—James B. Palmer to N. G. Williams, Brooklyn, Conn.
Major of Frankland 28708—J. Howard Leman to William P. Wharton, Groton, Mass.
Masher Glenwood's Prince of Green View 39160—Harry Leppla to Sannie Laird, William J. Laird & John Spears, Shiocton, Wis.
Masher's Casterilius 26649—George D. Telfer to John Hetts, Fort Atkinson, Wis.
Masher's Glenwood Boy of Locust Grove 31142—Henry S. Lippincott to J. Harvey Darnell, Moorestown, N. J.
Masher's Sequel's Prince 39233—H. C. Sutcliffe to Roman Muskavitch, Shawano, Wis.
Mena's Masher 2d 32888—Andrew D. Thurston to W. L. Bailey, Webster Groves, Missouri.
Mitchell of New Berlin 34716—H. W. Zimmerman to Walter D. Anstey, Hartland, Wis.
Mixter Baron 39201—Estate George Mixter to W. M. Strong, Auburn, N. H.
Mixter Orator 39200—Estate George Mixter to Shepherd Brooks, West Medford, Mass.
Mixter Rambler 39202—Est. George Mixter to Coleman DuPont, Wilmington, Delaware.
Mixter Sailor 39203—Est. George Mixter to Fred Rosebrooks, Willimantic, Conn.
Moon King of Anna Dean Farm 37837—Ferd Reiber to Howard Reiber, Butler, Pa.
Morven Park Champion 39242—Miss Willie Lee Inman to The New Windsor Guernsey Breeders' Co., New Windsor, Md.
Morven's Prince of Amelia 39222—Westmoreland Davis to Charles Biley, Mattoax, Va.
Nivolette's Standard of Harbor Hill 39248—Clarence H. Mackay to John H. Taylor, Falls Village, Conn.
Northern Boy of Clara Cooper Farms 38562—James H. Cooper to G. E. & J. E Farnum, Miles City, Mont.
Oneita's Chief of Oakdale 38657—R. A. Wilkinson to F. C. Hoffmann, Norfolk, Nebraska.
Peairs Masher 29408—Charles S. Sillaman to J. W. Steele, Greensburg, Pa.
Petite's King of Russellhurst 39276—George C. Russell to William Weddell, Luckey, Ohio.
Pet's Goodfellow 36340—Irving W. Bates to Joseph N. Maynard, Northfield, Vt.
Phillip of Riverside 39213—C. W. Hoitt to Fred L. Center, Litchfield, N. H.
Pinecrest Golden May Rose King 30872—Wilbur Hazard to Anita C. Baker, Wickford, R. I.
Pinehurst Lars 38849—E. W. Strawbridge to J. R. Oliver, Tunkhannock, Pa.
Prince of Cannon Valley 39219—George Einfeldt to S. Charlson, Dennison, Minn.
Prince of Ransom Farm 36509—Ransom & Kissinger to W. H. Wood, Baldwin, Kansas.
Princess's Hero 19320—Shaw Bros. to Alfred I. Stubbs, West Salem, Wis.
Princess's Hero 19320—Alfred I. Stubbs to D. M. Walter, Mount Ayr, Iowa.
Quentin Durward 23733—W. K. Taylor to Marion Hayden, Alsea, Oregon.
Ravenscroft Golden Hope 25175 (Imp.)—J. L. Hope to Rutgers College, New Brunswick, N. J.
Rex of Amelia 39224—Westmoreland Davis to H. S. Hall, Amelia, Va.
Rhea's Lima King 36426—John H. Williams to M. P. Cuddeback, Pueblo, Colo.
Rob Glenwood's Yeksa 39218—George Einfeldt to Jack Jennings, Walker, Minn.
Robin's Squire of Keewaydin 36471—A. C. Ramseyer to Jay Frick, Wooster, Ohio.
Ronald of Cornerview 39266—William Judson to Zachariah Aldrich, Port Byron, N. Y.
Rose's Judge of Scotch Mountain 35418—A. G. Amos to Le Roy A. Budine, Walton, N. Y.
Rudge's Auburn Beauty 39268—H. Nally to P. S. Lamoree, Van Wert, Iowa.

TRANSFERS OF GUERNSEY CATTLE

Sally's Champion of Cordova 39244—Miss Willie Lee Inman to C. S. Brunsfield, Cordova, Md.
Seignoretta of A. D. F. 34928—O. C. Barber to George L. McAlpin, East Hampton, N. Y.
Selma's Combination of Pinehurst 37780—E. W. Strawbridge to Henry W. Leeds, Westville, N. J.
Selma's Main Stay 6th 37781—E. W. Strawbridge to J. E. Turner, Anita, Iowa.
Senator of Springcrest 37716—Clarence True Wilson to H. F. Boeckman, Sherwood, Oregon.
Sequel's Chief of Outlookhill 33694—Albert Halvorson to L. E. Losey, Rice Lake, Wis.
Silver Leaf Paul 37939—Henry Aulenbrock to George H. Knierim, Shumway, Ill.
Silverwood's Golden Lad 39164—S. H. Fessenden to Benjamin Grosvenor, Pomfret, Conn.
Silverwood's King April 39167—S. H. Fessenden to H. W. Wigman, Lansing, Mich.
Silverwood's King March 39166—S. H. Fessenden to H. W. Wigman, Lansing, Mich.
Silverwood's Snow King 39165—S. H. Fessenden to H. W. Wigman, Lansing, Mich.
Sir Link of Borden's 36627—Borden's Condensed Milk Co. to John Richard, Richfield, Springs, N. Y.
Sir Roderick of Glen Rose 35612—Fred C. Clow to Paul R. Nathen, Kendall, Wis.
Soso's Main Stay of Oak Ridge 35222—Thos. F. Ryan to Lee County Guernsey Bull Ass'n, Inc., Wisacky, S. Car.
Starlight Jewel 39170—Sidney R. Stoddard to F. A. Castle, Pittsfield, Vt.
Stubb of Oak Ridge 32897—J. H. Becker & Son to John Prescott, Deerfield, Wis.
Sultan of Homestead 33173—Clarence & Clifford Lambie to W. G. Jamison & Sons, Appleton, Wis.
Surprise's Masher of the Iowa Oaks 36696—George A. Nichols to Arlando Lough, Estherville, Iowa.
Sweet Orchard President 38251—Ernest E. Sweet to Berne Nadall, Paoli, Ind.
Sylvanite Princeling 38794—Richard F. Klemm to Mrs. Cora M. Miller, Iona, So. Dak.
Teddy of Walnut 14152—A. B. Pulver to Charles G. Brown, Mansfield, Ohio.
Teddy of Walnut 14152—M. F. Mowry to A. B. Pulver, Manshfield, Ohio.
The Stroller of Iona 30162—Henry M. Lord to J. Edwin Griffith, Mount Washington, Md.
Thompson Valley King 39235—William A. Marquardt to A. Bonsack, La Crosse, Wis.
Tiger Boy 38617—Irving W. Bates to C. H. Collins, Mansfield, Vt.
Tommy Tucker of Locust Hill 34239—Walter T. Morris to T. Bennett Willson, Edesville, Md.
Violet's May Rose King of Bayside 39209—Henry C. Everett to W. W. Sutton, Randolph, Vt.
Woodlyn Boy 39260—Frank C. Johnson to Henry Moltke, Ferndale, Wash.

COWS.

Abarenda 2d's Jane 65784—Palmer Romaine Bowdish to George O. Spooner, Madison, N. Y.
Adella of Harriton 58444—M. M. Vaux to Frederic Huggler, Bryn Mawr, Pa.
Agatha May 64938—Irving W. Bates to C. H. Collins, Marshfield, Vt.
Albinia 10th 40638 (Imp.)—S. H. Fessenden to H. W. Wigman, Lansing, Mich.
Albinia 14th 65699 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Alecia Buckley 64088—Irving W. Bates to C. H. Collins, Marshfield, Vt.
Alexandra V. of Les Marche 65741 (Imp.)—F. S. Peer to A. J. Winter, Mahwah, N. J.
Alexandrina 18th 65689 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Alexandrina 19th 65698 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Alice of Maplelawn 2d 49930 (Imp.)—F. B. Rundell & R. Nicholson to Frederick Bros., Allentown, Pa.
Alice's Genie 65221—Charles H. Arthur to Fred Miller, Argyle, N. Y.
Alicia of St. Croix 54119 (Imp.)—Lloyd Rundell to Arthur Peterson, Stillwater, Wis.
Almira of Mont Val 65737 (Imp.)— F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Alpha Beauty of Mara Alva 65945—W. A. Barnes to A. C. Ramseyer, Smithville, Ohio.
Alta of St. Croix 54110 (Imp.)—Lloyd Rundell to W. W. Calrk & M. H. Jackson, Grand Rapids, Wis.
Barrington's Lady Vanity 51610—Frank A. Hotchkiss to The Columbia Mills Inc., Minetto, N. Y.
Beauty of Scenery Hill 65828—S. P. Boles to H. W. Boles, Lisbon, Ohio.
Belle of Wasteland 46476—S. E. Banks to William P. Wolcott, Canton, Mass.
Bell of Neenah 60781—P. J. Ladd to J. T. Harness, Neenah, Wis.
Bell of Valley View 2d 59391—H. C. McCamon & Son to Charles F. Heil, Santa Ana, Calif.
Berceuse 43338—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Berceuse 43338—A. W. & F. E. Fox to Gustave Pabst, Dousman, Wis.
Bessie of the Isle 50306 (Imp.)—Clarence True Wilson to H. F. Boeckman, Sherwood, Oregon.
Bessie of Ulao 32822—H. C. McCamon to W. A. Myler, Pittsburg, Pa.
Bess of Valley View 60821—H. C. McCamon & Son to I. A. Taylor, Suffield, Ohio.
Bettina of Center Harbor 44382—H. W. Wigman to R. B. Jackson, Birmingham, Mich.
Bijou des Mauxmarquis 65752 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Bijou III. of le Marais 53764 (Imp.)—F. B. Rundell & R. Nicholson to Frederick Bros., Allentown, Pa.
Bonnie Shaffer's Pearl 59602—G. W. Shaffer to W. J. Royer, Orrville, Ohio.
Brilliante of the Isle 65714 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Butter Girl of the Braye 65721 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Butter Girl of the Gree 65710 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Carolina's Minnehaha 42010—John J. Schwartz to Nelse Nelson, Bloomer, Wis.
Carwytham Grace 32510—W. S. Newman to Dan Curtis, Jefferson, Ohio.
Chalmer's Clara 65742 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield Conn.
Clatford Fay of the Mill 65657 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Conqueror's Primrose 33235 (Imp.)—Palo Alto Stock Farm to Mrs. M. A. Harris, Redwood City, Calif.
Coral's Lady 55576—Bert Parish to Henry Olson, Delavan, Wis.
Corona Boy's Polly 43051—Palo Alto Stock Farm to Mrs. M. A. Harris, Redwood City, Calif.
Countess Sucotte XIII. 23262 (Imp.)—Palo Alto Stock Farm to Mrs. M. A. Harris, Redwood City, Calif.
Croupette 10th 65688 (Imp.)—F. S. Peer to Clarence H. Mackay, Roslyn, N. Y.
Dahlia of the Choffins 65719 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Daisy V des Paysans 32067 (Imp.)—William N. Lister to H. W. Wigman, Lansing, Mich.
Desboro's May Blossom 65750 (Imp.)—F. S. Peer to F. A. Stuart, Marshall, Mich.
Didimay of Harriton 58445—M. M. Vaux to Frederic Huggler, Bryn Mawr, Pa.
Dorothea of Oakhurst 45295—Frank A. Hotchkiss to The Columbia Mills, Inc., Minetto, N. Y.
Downe Citron of Stanstead 9th 65686 (Imp.)— F. S. Peer to Julia M. White, South Coventry, Conn.
Downe Conqueror's Daisy 65681 (Imp.)—F. S. Peer to Clarence H. Mackay, Roslyn, N. Y.
Downe Ethel 3d 65704 (Imp.)—F. S. Peer to Julia M. White, South Coventry, Conn.
Downe Masher's Maggie 65680 (Imp.)—F. S. Peer to M. C. Migel, Monroe, N. Y.
Downe Princess 65676 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Dryden Belle 45181—Nye Hungerford to L. H. Folmer, Locke, N. Y.
Dryden Bessie 49624—Nye Hungerford to Earl Champlin, Locke, N. Y.
Duchess of Portland 65694 (Imp.)—F. S. Peer to Julia M. White, South Coventry, Conn.
Duchess of Weymouth 42187—W. E. Blaisdell to H. F. Hurlburt, Boston, Mass.
Duke's Lady May 47570—F. W. Ruehs to F. L. Irish, Owosso, Mich.
Durrington Jane 65695 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Durrington Souffle 65672 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Earl's Belle of Oakdale 61509—R. A. Wilkinson to J. Gilbert Hickcox, Whitefish Bay, Wis.
Earl's Julia of Oakdale 61881—R. A. Wilkinson to J. Gilbert Hickcox, Whitefish Bay, Wis.
Earl's Lucille of Oakdale 65014—R. A. Wilkinson to J. Gilbert Hickcox, Whitefish Bay, Wis.
Early Rose's Daughter of Holliston 47372—H. W. Chadbourne to H. W. Wigman, Lansing, Mich.
Echelle's Beauty 65911—J. H. Girdwood to Gilbert F. Cole, Bancroft, Mich.
Economic's Yolanda 2d 40752—H. Hartvig to Victor F. Lawson, Green Lake, Wis.
Efelbe of Mizpah Lodge 65829—Mrs. F. A. H. Coolidge to Frankie L. Campbell, Augusta, Wis.
Ellamay of Riverside 37909—John Pritchard to American Express Co., Eau Claire, Wis.
Ellamay of Riverside 37909—American Express Co. to Frank Quigg, Eau Claire, Wis.
Ellamay of Riverside 37909—Frank Quigg to Sid Van Buskirk & J. W. Philbrook, South Range, Wis.
Ellamay of Riverside 37909—Sid Van Buskirk & J. W. Philbrook to Sid Van Buskirk, South Range, Wis.
Ella W. of Lakeview 5th 47434—S. C. Tremaine to Ben Surran, Elmer, N. J.
Elmo's Daisy of Oakdale 61510—R. A. Wilkinson to J. Gilbert Hickcox, Whitefish Bay, Wis.
Elsie of the Glen 24272—H.. A. C. Taylor to Z. B. Davis, New Bedford, Mass.
England's Gazelle 65675 (Imp.)—F. S. Peer to H. M. Tilford, Monroe, N. Y.
England's Leda 65692 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Esther of Montevideo 56294—M. L. Brock to John M. Brigham, Newport, Vt.
Fairfield Lady 55544—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Fairfield Lady 55544—A. W. & F. E. Fox to Nelse Nelson, Bloomer, Wis.
Fancy of Les Ruettes 65746 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Fannie Brown 30171—George W. Osborne to H. L. Williams, East Rochester, N. H.
Fannie of Hope Farm 51916—Eddie King to W. U. King, Ferndale, Wash.
Fern of Rich Neck 54991—H. H. Pearson, Jr. to Ferdinand W. Roebling, Trenton, N. J.
Flora of Willow Grove 56363—Andrew A. Backer to Roy F. Backer, New Ulm, Minn.
Flower of the Cloture 27136 (Imp.)—W. Woodbridge Dickinson to Ballard Bros., Niles, Mich.
Floy of Mixter Farm 38529—Est. George Mixter to J. D. C. Bradley, Boston, Mass.
France's Lily of Rich Neck 54382—H. H. Pearson, Jr. to Ferdinand W. Roebling, Trenton, N. J.
Gaiety's Daisy 48590—E. C. Moore to Thomas M. Tice, Deerfield, N. J.
Gaiety's Daisy 48590—Thomas M. Tice to S. C. Tremaine, Bridgeton, N. J.
Gaylass of Harriton 62488—M. M. Vaux to Frederic Huggler, Bryn Mawr, Pa.
Gazelle VI. des Islets 65718 (Imp.)—F. S. Peer to George L. McAlpin, East Hampton, N. Y.
Gertrude of Von Don 42359—Larra T. Sumner to Louis W. Dean, Waltham, Mass.
Gertrude's Pride 61023—Charles F. Everson to Frank H. Barnes, Ensenore, N. Y.
Glendale of Mixter Farm 38532—Est. George Mixter to R. D. DeForrest, Amsterdam, N. Y.
Glen Gable Governante 63909—William F. Gable to S. R. Nissley, Manheim, Pa.
Glen Gable Yarra 60408—William F. Gable to S. R. Nissley, Manheim, Pa.
Glen Jewel 32566—Joseph Waugh to J. B. Edsall, Pine City, N. Y.
Glen Jewel 2d 49313—Joseph Waugh to O. H. & L. E. Sweet, Dundee, N. Y.
Glen Queen's Pet 34393—Joseph Waugh to J. B. Edsall, Pine City, N. Y.
Glenstay's Stella 33834—Palmer Romaine Bowdish to George O. Spooner, Madison, N. Y.
Glenwood Girl of Morris Farms 64581—Dudley & Longley to Parker & Coggshall, Moravia, N. Y.
Glenwood Holly 64494—Palmer Romaine Bowdish to George O. Spooner, Madison, N. Y.
Glenwood Pansy 63757—W. W. Clark & M. H. Jackson to W. A. Freehoff, Waukesha, Wis.
Glenwood's Bonito of Alfalfa Farms 65809—B. A. Lippincott to Howard Shivers, Haddonfield, N. J.
Glenwood's Fleurie of Oak Ridge 47647—Thos. F. Ryan to Boswell and Ingham, Burkeville, Va.
Glenwood's Lady Coral 58372—Bert Parish to Alfred N. Thompson, Delevan, Wis.
Golden Queen of Nordland 63865—Fred C. Holbeck to Henry W. Wigman, Lansing, Mich.
Golden Rod of West View 38934—E. C. Moore to Thomas M. Tice, Deerfield, N. J.
Golden Rod of West View 38934—Thomas M. Tice to S. C. Tremaine, Bridgeton, N. J.
Golden Rod of West View 38934—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Golden Rose III. of Le Briquet 65743 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Gracie of La Grange 25462—C. T. Rice to W. C. Rice, Waugh, Va.
Greenfield Queen 59389—Frank Waugh to J. B. Edsall, Pine City, N. Y.
Guernsey Daisy of Maplelawn 48080 (Imp.)—F. B. Rundell & R. Nicholson to Frederick Bros., Allentown, Pa.
Gypsy's Twinkle 32791—Lloyd Rundell to Briarcombe Farm Co., Inc., Winona, Minn.
Hale Vesta 65666 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Hardwick's Selection 26177—Est. George Mixter to R. D. De Forrest, Amsterdam, N. Y.
Hazel's Belle 57975—Bert Parish to Alfred N. Thompson, Delavan, Wis.
Heartsease of Rich Neck 36045—H. H. Pearson, Jr. to Ferdinand W. Roebling, Trenton, N. J.
Heather's Governess of Guernsey Home Farm 62028—H. C. McCamon to B. P. Grunauer, Cleveland, Ohio.
Heathfield Ranee 65669 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Hewton Lodge Daisy 65751 (Imp.)—F. S. Peer to A. J. Winter, Mahwah, N. J.
Highland May Queen 65806—Wilbur Hazard to H. W. Wigman, Lansing, Mich.
Hilda Noble of Ewing 63745—A. J. Snyder to J. H. Patrick, White Oak, S. C.
Holliston's Nancy 2d 42954—H. W. Chadbourne to H. W. Wigman, Lansing, Mich.
Hybrids Violet 65762 (Imp.)—F. S. Peer to Geo. L. McAlpin, East Hampton, N. Y.
Imelia 56607—J. W. Marley to E. B. Lear, Stafford, Kansas.
Ioline 56610—J. W. Marley to E. B. Lear, Stafford, Kansas.
Jane of Ampthill 12th 65697 (Imp.)—F. S. Peer to Julia M. White, South Coventry, Conn.
Jenemies' Polly VI. 65717 (Imp.)—F. S. Peer to F. A. Stuart, Marshall, Mich.
Jessie of Guernsey and Mule Farm 56057—Dudley & Longley to Parker & Coggshall, Moravia, N. Y.

TRANSFERS OF GUERNSEY CATTLE

Joseph's Pride of Alfalfa Farms 31049—Thos. F. Ryan to Boswell & Ingham Burkeville, Va.
Kaloolah's Maid 2d 60496—H. C. McCamon & Son to The Ohio State University, Columbus, Ohio.
Kaloolah's Maid's Valentine 60497—H. C. McCamon & Son to The Ohio State University , Columbus, Ohio.
Kathleen Glenwood 41719—H. Hartvig to Victor F. Lawson, Green Lake, Wis.
Katrina of Glyndwr 42524—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Kosher of Glyndwr 34543—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Kosher of Glyndwr 34543—A. W. & F. E. Fox to Moulton B. Goff, Sturgeon Bay, Wis.
Krogwold's Beauty 65974—Est. A. O. Hole to H. J. Krogwold, Amherst Junction, Wis.
Lady Abigail of Ulao 62882—H. C. McCamon & Son to W. A. Myler, Pittsburg, Pa.
Lady Brilliante of the Rouvets 65761 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Lady Elizabeth of Ulao Terrace 53372—H. C. McCamon to Burton A. Beard, Calla, Ohio.
Lady Margaret of Ulao Terrace 50016—H. C. McCamon to William H. Forster, Erie, Pa.
Lady May's College Girl 54279—E. W. Ruehs to F. W. Ruehs, Caledonia, Mich.
Lady Twinkle 38452—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Lady Twinkle 38452—A. W. & F. E. Fox to C. J. & W. A. Connell, Menomonee Falls, Wis.
Lass of the King's Mills Logde 48471 (Imp.)—Frank A. Hotchkiss to Mortimer L. Schiff, Oyster Bay, N. Y.
Lewison's Alcina 56542—Palo Alto Stock Farm to Mrs. M. A. Harris, Redwood City, Calif.
Lillian B. 49964—J. M. Hayes & Son to Harry H. Meader, Gonic, N. H.
Lilly of Weymouth 55792—M. L. Brock to John M. Brigham, Newport, Vt.
Lily of the Tertre VIII. 65665 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Loantha's Queen 40847—G. H. Anderson to John E. Trevethick, Vershire, Vt.
Lottie of La Hougue 2d 33702 (Imp.)—Malcolm & Judd to L. G. Judd, Vergennes, Vt.
Lynchmere Meadow Sweet 65667 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Lynchmere Meadow Sweet 2d 65668 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Lynchmere Meadow Sweet 3d 65691 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Lynchmere Primrose 65677 (Imp.)—F. S. Peer to H. M. Tilford, Monroe, N. Y.
Lynchmere Primrose 2d 65690 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Mahy's Fan 65745 (Imp.)—F. S. Peer to H. M. Tilford, Monroe, N. Y.
Main Stay's Daisy 36904—W. H. Stone to Howard & Persis Bell, Stafford, N. Y.
Majestic 34202—Malcolm & Judd to J. W. Jones & Son, Nunda, N. Y.
Majestic's Louise of South Crannah 62458—Malcolm & Judd to Geo. H. Frowley, Walworth, N. Y.
Majestic's Promise of South Crannah 65807—Malcolm & Judd to John S. Rich, Marion, N. Y.
Majestic's Ruth of South Crannah 57350—Malcolm & Judd to George J. Frowley, Walworth, N. Y.
Mandy of Summit Lawn 40821—Ed. Stellmacher to Ralph Kershaw, Olivia, Minn.
Marian of Guernsey and Mule Farm 55788—Dudley & Longley to Parker & Coggshall, Moravia, N. Y.
Marie of Edgewater 65910—F. G. Benham to C. L. Whiting, Avon, N. Y.
Mary Ann of La Villette II. 65734 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Masher's Daisy of Cold Spring 58371—Bert Parish to Alfred N. Thompson, Delavan, Wis.
Matin Belle 2d 25965—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Matin Belle 2d 25965—A. W. & F. E. Fox to Hugo H. Grovert, Newhall, Iowa.
Matinee Girl 2d 48145—Helendale Farms to A. W. & F. E. Fox, Waukesha, Wis.
Matinee Girl 2d 48145—A. W. & F. E. Fox to T. W. Henderson, Whitewater, Wis.
Maud Aldoro 61144—H. C. McCamon & Son to The Ohio State University, Columbus, Ohio.
Maude's Princess 65084—Fleet K. Smith to Mrs. E. P. Hiller, Old Westbury, N. Y.
Maxie of Cornerview 38034—Charles F. Everson to Frank H. Barnes, Ensenore, N. Y.
Maxine Coral's Lady 57974—Bert Parish to Henry Olson, Delavan, Wis.
Mayflower of Greensburg 65626—G. W. Shaffer to W. J. Royer, Orrville, Ohio.
May Queen of Oakhurst 51611—Frank A. Hotchkiss to The Columbia Mills, Inc., Minetto, N. Y.
May Rose Countess 62029—H. C. McCamon & Son to Charles F. Heil, Santa Ana, Calif.
May's Lassie 65220—Charles H. Arthur to Fred Miller, Argyle, N. Y.
Meadow Gold Princess 56525—A. C. Ramseyer to Charles L. Ober, Novelty, Ohio.
Mercy Argie 34026—A. C. Damon to H. W. Wigman, Lansing, Mich.
Merton Dairymaid 5th 65664 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Mignonette of Rich Neck 2d 49310—H. H. Pearson, Jr. to Ferdinand W. Roebling, Trenton, N. J.
Minnie of Harriton 62487—M. M. Vaux to F. H. Douhay, College Park, Md.
Miss Brickfield of St. Croix 65785 (Imp.)—Geo. W. Graham to Lloyd Rundell, Roberts, Wis.
Miss Janet of Forge View Farm 61025—Charles F. Everson to Frank H. Barnes, Ensenore, N. Y.
Miss Nellie of the Lohiers 65733 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Mixter Queen of Bon Ayre 62784—H. W. Wigman to John M. Williams,North Adams, Mich.
Mixter Queen of Bon Ayre 62784—J. M. Williams to A. C. Ramseyer, Smithville, Ohio.
Mollie of Le Ray 40415—G. W. Tailby, Jr., to Harry S. Jenkins, Riderwood, Maryland.
Mona of Bound Brook 37981—Lloyd Rundell to W. W. Clark & M. H. Jackson, Grand Rapids, Wis.
Morland Amber 65659 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Morland Crystal 65679 (Imp.)—F. S. Peer to George L. McAlpin, East Hampton, N. Y.
Morland Deodor 65693 (Imp.)—F. S. Peer to Sadie Carr Abeel, Shelter Island, N. Y.
Nancy of Guernsey and Mule Farm 56058—Dudley & Longley to Parker & Coggshall, Moravia, N. Y.
Nell of Maplelawn 48079 (Imp.)—F. B. Rundell & R. Nicholson to Frederick Bros., Allentown, Pa.
Nina of Elmlawn 49893—G. E. Foster to Harvey D. Eaton, Waterville, Maine.
Norman's Lady 37624 (Imp.)—J. J. McDaniel to A. Mayo McKeown, Cornwell, S. C.
O'Dee 65623—G. W. Shaffer to W. J. Royer, Orrville, Ohio.
Pansy of Riverside 27319—Curtis & Knilans to Edgewater Stock Farm, Fort Atkinson, Wis.
Patsy Bates of Avonlea 63148—W. R. Nesbit to M. T. Young, Turtle Creek, Pa.
Pauline Hayes of Meadow Brook 33173—A. C. Burnham to E. R. Holmes, Monson, Mass.
Pearl of Le Tertre 65760 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Peerless Farm's Hildajeanne Franc 60190—John J. Hart to Charles Hornburg, Ira, N. Y.
Peggie of Spring Brook 38589—A. C. Ramseyer to Charles L. Ober, Novelty, Ohio.
Penelope of St. Croix 50172—Lloyd Rundell to A. S. Ellwood, Osseo, Wis.
Polly du Camperre II. 65715 (Imp.)—F. S. Peer to F. A. Stuart, Marshall, Mich.
Polly X. of the Beaulin 65713 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Polly's Lass of Alta Vista 63329—Palo Alto Stock Farm to Mrs. M. A. Harris, Redwood City, Calif.
President's Coralea 41689—O. C. Barber to Andrew Squire, Cleveland, Ohio.
President's Lady Munroe 39596—O. C. Barber to Andrew Squire, Cleveland, Ohio.
Pretty V. of Vimiera 65755 (Imp.)—F. S. Peer to Geo. M. Hendee, Suffield, Conn.
Pride of Scenery Hill 65827—S. P. Boles to H. W. Boles, Lisbon, Ohio.
Primrose III. of the Mourants 53761 (Imp.)—F. B. Rundell & R. Nicholson to Frederick Bros., Allentown, Pa.
Primrose of the Vrangue 65661 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Primula II. of St. George 65749 (Imp.)—F. S. Peer to B. E. Nixon, Napa, Calif.
Princess Lura 58370—Bert Parish to Alfred N. Thompson, Delavan, Wis.
Raymond's Glenwood Jessie 53889—Dudley & Longley to Parker & Coggshall, Moravia, N. Y.
Raymond's Pride of the Hill 54461 (Imp.)—B. L. Rundell to D. B. Brockett, Spooner, Wis.
Rhea's Princess of Ira 65830—James M. Hart to Charles Hornburg, Ira, N. Y.
Rowena of Forge View Farm 61024—Charles F. Everson to Frank H. Barnes, Ensenore, N. Y.
Rosalie of Elmlawn 65844—G. E. Foster to Harvey D. Eaton, Waterville, Maine.
Rose Mar of Jean DuLuth 56837—Jean DuLuth Farm Inc. to C. W. Barron, Cohasset, Mass.
Rose of Guernsey and Mule Farm 63709—Dudley & Longley to Mrs. Flora Smith, Lysander, N. Y.
Rosevita 40149—E. W. Ruehs to F. L. Irish, Owosso, Mich.
Rouault's Bijou III. 65725 (Imp.)—F. S. Peer to Geo. H. Hendee, Suffield, Conn.
Roxy Jane 57189—Jennie & Lizzie Thompson to John G. Fort, Valley Falls, N. Y.
Rushington Ivy 2d 65656 (Imp.)—F. S. Peer to Barry P. Hill & A. N. Faulkner, Great Village, Nova Scotia.
Rushington Shamrock 4th 65673 (Imp.)—F. S. Peer to A. J. Winter, Mahwah, N. J.
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Sequel's Nettie 57519—H. C. McCamon to The Ohio State University, Columbus, Ohio.
Serena of Brock Hill 57731—M. L. Brock to John M. Brigham, Newport, Vt.
Silver Sides of Wasteland 51960—S. E. Banks to William P. Wolcott, Canton, Mass.
Simple Sue 32101—F. E. Kummrow to Edward A. Walter, Walworth, Wis.
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Thirty Thousand Six Hundred Six 30606—Est. George Mixter to R. D. DeForrest, Amsterdam, N . Y.
Thirty Thousand Six Hundred Nine 30609—Est. George Mixter to J. R. Clancy, Syracuse, N. Y.
Thirty Thousand Six Hundred Sixty Four 30664—Est. George Mixter to R. D. DeForrest, Amsterdam, N. Y.
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Tulip of Rich Neck 45359—H. H. Pearson, Jr. to Ferdinand W. Roebling, Trenton-N. J.
Twinkle of Shady Brook 2d 60049—H. C. McCamon & Son to J. H. Silvis, Greensburg, Pa.
Vega Talladeen of Iron Springs 42963—A. W. & F. E. Fox to Samuel Siewert, Colgate, Wis.
Verta Opie's Glenwood of White Farm 25088—H. D. Newkirk to Mathew Suydan, New Brunswick, N. J.
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